

## Product datasheet for **RC218384A1V**

### Human SCYL1 (NM\_001048218) AAV Particle

#### Product data:

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| Product Type:             | AAV Particles                                           |
| Product Name:             | Human SCYL1 (NM_001048218) AAV Particle                 |
| Tag:                      | Myc-DDK                                                 |
| Symbol:                   | SCYL1                                                   |
| Synonyms:                 | GKLP; HT019; NKTL; NTKL; P105; SCAR21; TAPK; TEIF; TRAP |
| Mammalian Cell Selection: | None                                                    |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                              |



[View online »](#)

**ORF Nucleotide  
Sequence:**

>RC218384 representing NM\_001048218  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGGTCTTTGCCCGGACCCGGTCCGGGACTTTCGGTTCGAGCTCATCCCGAGCCCCAGAGGGCG  
 GCCTGCCCGGGCCCTGGGCCCTGCACCGCGGCCCAAGAAGGCCACAGGCAGCCCGTGTCCATCTTCGT  
 CTATGATGTGAAGCCTGGCGCGAAGAGCAGACCCAGGTGGCCAAAGCTGCCTTCAAGCGCTTCAAACT  
 CTACGGCACCCCAACATCCTGGCTTACATCGATGGACTGGAGACAGAAAAATGCCTCCACGTCGTGACAG  
 AGGCTGTGACCCCGTTGGGAATATACCTCAAGGCGAGAGTGGAGGCTGGTGGCCTGAAGGAGCTGGAGAT  
 CTCCTGGGGGCTACACCAGATCGTGAAGCCCTCAGCTTCTGGTCAACGACTGCAGCCTCATCCACAAC  
 AATGTCTGCATGGCCGCCGTGTCGTGGACCGAGCTGGCGAGTGAAGCTTGGGGCCTGGACTACATGT  
 ATTCGGCCCGAGGCAACGGTGGGGGACCTCCCGCAAGGGGATCCCGAGCTTGAGCAGTATGACCCCCC  
 GGAGTTGGCTGACAGCAGTGGCAGAGTGGTCAGAGAGAAGTGGTCAGCAGACATGTGGCGCTTGGGCTGC  
 CTCATTTGGGAAGTCTTCAATGGGCCCTACCTCGGGCAGCAGCCCTACGCAACCTGGGAAGATCCCCA  
 AAACGCTGGTGCCCCATTACTGTGAGCTGGTGGGAGCAAAACCCCAAGGTGCGTCCCAACCCAGCCCGCTT  
 CCTGCAGAACTGCCGGGCACCTGGTGGCTTCATGAGCAACCGCTTGTAGAAACCAACCTCTTCTGGAG  
 GAGATTGAGATCAAAGAGCCAGCCGAGAAGCAAAATCTTCCAGGAGCTGAGCAAGAGCCTGGACGCAT  
 TCCCTGAGGATTTCTGTGGCACAAGGTGCTGCCCCAGCTGCTGACCGCCTTCGAGTTCGGCAATGCTGG  
 GGCGTGTGCTCACGCCCTCTTCAAGGTGGGCAAGTTCCTGAGCGCTGAGGAGTATCAGCAGAAGATC  
 ATCCCTGTGGTGGTCAAGATGTTCTCATCCACTGACCGGGCCATGCGCATCCGCTCCTGCAGCAGATGG  
 AGCAGTTCATCCAGTACCTTGACGAGCCAACAGTCAACACCCAGATCTCCCCACGTCTGATGGCTT  
 CCTGGACACCAACCCCTGCCATCCGGGAGCAGACGGTCAAGTCCATGCTGCTCCTGGCCCCAAAGCTGAAC  
 GAGGCCAACCTCAATGTGGAGCTGATGAAGCACTTTGCACGGCTACAGGCCAAGGATGAACAGGGCCCCA  
 TCCGCTGCAACACCACAGTCTGCCTGGGCAAAATCGGCTCCTACCTCAGTGTAGCACCAGACACAGGT  
 CCTTACCTCTGCCTTCAGCCGAGCCACTAGGGACCCGTTTGCACCGTCCCGGTTGCGGGTGTCTGGGC  
 TTTGCTGCCACCCACAACCTCTACTCAATGAACGACTGTGCCCAGAAGATCCTGCCTGTGCTCTGCGGTC  
 TCACTGTAGATCCTGAGAAATCCGTGCGAGACCAGGCCTTCAAGGCCATTCGGAGCTTCTGTCCAAATT  
 GGAGTCTGTGTCGGAGGACCCGACCCAGCTGGAGGAAGTGGAGAAGGATGTCCATGCAGCCTCCAGCCCT  
 GGCATGGGAGGAGCCGACGTAGCTGGGCAGGCTGGGCCGTGACCGGGTCTCCTCACTACCTCCAAGC  
 TGATCCGTTGCGACCCAACCACTGCCCAACAGAAACCAACATTCGCCAAAGACCCACGCTGAAGGCCA  
 CTGGGAGACGCGAGGAGGAGGACAAGGACACAGCAGAGGACAGCAGCACTGCTGACAGATGGGACGACGAA  
 GACTGGGGCAGCCTGGAGCAGGAGGCCGAGTCTGTGCTGGCCAGCAGGACGACTGGAGCACCAGGGGGCC  
 AAGTGAGCCGTGCTAGTCAGGTGAGCAACTCCGACCACAAATCCTCCAATCCCCAGAGTCCGACTGGAG  
 CAGCTGGGAAGCTGAGGGCTCCTGGGAACAGGGCTGGCAGGAGCCAAGCTCCAGGAGCCACCTCCTGAC  
 GGTACACGGCTGGCCAGCGAGTATAACTGGGTGGCCAGAGTCCAGCGACAAGGGCGACCCCTTCGCTA  
 CCCTGTCTGCAGTCCAGCACCCAGCCGAGGCCAGACTCTTGGGTGAGGACAACCTGGAGGGCCTCGA  
 GACTGACAGTCGACAGGTCAAGGCTGAGCTGGCCGGAAGAAGCGGAGGAGCGCGCGGGAGATGGAG  
 GCCAAACGCGCCGAGAGGAAGGTGGCCAAGGGCCCCATGAAGCTGGGAGCCCGGAAGCTGGAC

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC218384 representing NM_001048218<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MWFFARDPVRDFPFELIPEPPEGGLPGPWALHRGRKKATGSPVSIFVYDVKPGAEETQVAKAAFKRFT<br/> LRHPNILAYIDLETEKCLHVVTEAVTPLGIYLKARVEAGGLKELEISWGLHQIVKALSFLVNDCSLIHN<br/> NVCMAAVFVDRAGEWKLGLDYMYSAQNGGGPPRKGIPPELEQYDPPELADSSGRVVREKWSADMWRLGC<br/> LIWEVFNGPLPRAAALRNPGKIPKTLVPHYCELVGANPKVRPNPARFLQNCRAPGGFMSNRFVETNLFLE<br/> EIQIKEPAEKQKFFQELSKSLDAFPEDFCRHKVLPLQLLTAFEFGNAGAVVLTPLFKVKGKFLSAEEYQQKI<br/> IPVVVKMFSSDRAMRIRLLQQMEQFIQYLDEPTVNTQIFPHVHGFLLDTNPAPIREQTVKSMLLLAPKLN<br/> EANLNVELMKHFARLQAKDEQGPICNTTVCLGKIGSYLSASTRHRVLTSAFSRATRDPFAPSRVAGVLG<br/> FAATHNLYSMNDCAQKILPVLGCLTVDPKSVRDQAFKAIRSFLSKLESYSEDPTQLEEEVKDVHAASSP<br/> GMGGAASWAGWAVTGVSSTLSKLIRSHPTTAPTETNIPQRPTPEGHWETQEEDKDTAEDSSTADRWDDE<br/> DWGSLEQEAESVLAQQDDWSTGGQVSRASQVSNDSHKSSKSPESDWSSWEAEGSWEQGWQEPSSQEPPPD<br/> GTRLASEYNWGGPESSDKGDPFATLSARPSTQPRPDSWGEDNWEGLETDTSRQVKAELARKKREERRREME<br/> AKRAERKVAKGPMKLGARKLD</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span></p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ACCN:</b>             | NM_001048218                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ORF Size:</b>         | 2373 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F7843                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Stability:</b>        | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq:</b>           | <u><a href="#">NM_001048218.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>RefSeq Size:</b>      | 2616 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq ORF:</b>       | 2376 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Locus ID:</b>         | 57410                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID:</b>       | <u><a href="#">Q96KG9</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Cytogenetics:</b>     | 11q13.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MW:</b>               | 87.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |