

## Product datasheet for **RC208048A1V**

### Human HOXA11 (NM\_005523) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human HOXA11 (NM\_005523) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** HOXA11  
**Synonyms:** HOX1; HOX1I; RUSAT1  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC208048 representing NM\_005523  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGATTTTGATGAGCGTGGTCCCTGCTCCTCTAACATGTATTTGCCAAGTTGTACTTACTACGTCTCGG  
GTCCAGATTTCTCCAGCCTCCCTTTCTTCTGCCCCAGACCCCGTCTTCGCGCCCAATGACATACTCCTA  
CTCCTCCAACCTGCCCCAGGTCCAACCCGTGCGCAAGTGACCTTCAGAGAGTACGCCATTGAGCCCGCC  
ACTAAATGGCACCCCCGCGGCAATCTGGCCCACTGCTACTCCGCGGAGGAGCTCGTGCACAGAGACTGCC  
TGCAGGCGCCAGCGCGCGCGGCGTGCCTGGCGACGTGCTGGCCAAGAGCTCGGCCAACGTCTACCACCA  
CCCCACCCCGCAGTCTCGTCCAATTTCTATAGCACCGTGGGCAGGAACGGCGTCTGCCACAGGCTTTTC  
GACCAGTTTTTCGAGACAGCCTACGGCACCCCGAAAACTCGCTCCTCCGACTACCCCGGGGACAAGA  
GCGCCGAGAAGGGGCCCCGCGGCCACGGCGACCTCCGCGCGCGCGCGGCGGCTGCAACGGGCGCGCC  
GGCAACTTCAAGTTCGGACAGCGCGCGCGCGGCGGCTGCCGGGAGACGGCGCGGCAGCAGAGGAGAAA  
GAGCGGCGGCGCGCCCCGAGAGCAGCAGCAGCCCCGAGTCTGCTTCCGGCCCACTGAGGACAAGGCCG  
GCGGCTCCAGTGGCCAACGCACCCGAAAAAGCGCTGCCCTATACCAAGTACCAGATCCGAGAGCTGGA  
ACGGGAGTTCTTCTCAGCGTCTACATTAACAAAGAGAAGCGCCTGCAACTGTCCCGCATGCTCAACCTC  
ACTGATCGTCAAGTCAAAATCTGTTTCAGAACAGGAGAATGAAGGAAAAAAAAATTAACAGAGACCGTT  
TACAGTACTACTCAGCAATCCACTCCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC208048 representing NM_005523</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MDFDERGPCSSNMYLPCTYYVSGPDFSSLPSFLPQTPSSRPMTYSYSSNLPQVQPVREVTFREYAIEPA<br/>TKWHPRGNLAHCYSAEELVHRDCLQAPSAAGVPGDVLAKSSANVYHHPTPAVSSNFYSTVGRNGVLPQAF<br/>DQFFETAYGTPENLASSDYPGDKSAEGPPAATATSAAAAAATGAPATSSSDSGGGGCRETAAAAEEK<br/>ERRRRPESSSSPESSSGHTEDKAGGSSGQTRKKRCPYTKYQIRELEREFFFSVYINKEKRLQLSRMLNL<br/>TDRQVKIWFQNRMRMEKKINRDRLQYYSANPLL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>     |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ACCN:             | NM_005523                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:         | 939 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer:           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Stability:        | 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. |
| RefSeq:           | <a href="#">NM_005523.4</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RefSeq Size:      | 2295 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:       | 942 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:         | 3207                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:       | <a href="#">P31270</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cytogenetics:     | 7p15.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MW:               | 34.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |