

## Product datasheet for **RC225771A1V**

### Human NRXN3 (NM\_001105250) AAV Particle

#### Product data:

|                          |                                                                                |
|--------------------------|--------------------------------------------------------------------------------|
| Product Type:            | AAV Particles                                                                  |
| Tag:                     | Myc-DDK                                                                        |
| Symbol:                  | NRXN3                                                                          |
| Synonyms:                | C14orf60                                                                       |
| Mammalian Cell           | None                                                                           |
| Selection:               |                                                                                |
| Vector:                  | pAAV-AC-Myc-DDK (PS100089)                                                     |
| ORF Nucleotide Sequence: | >RC225771 representing NM_001105250<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCACCTGAGAATCCACGCGAGACGGAGCCCTCTCGCCGGCCGGCCTGGACGCTTGGGATCTGGTTCC  
TGTTCTGGGGATGTATCGTCAGCTCTGTATGGAGTTCTTCTAATGTAGCTTCTCTCTCCACCTCTTC  
CTCGCCGGGGTCTCACTCTCAGCACGAGCACCATTTCATGGCAGCAAGCATCACTCAGTGCTATTCTT  
ATCTATCGTTCCCTGTTTCCCTTCGAGGAGGACACGCTGGCGCTACGTACATCTTTGGGAAAGTGGT  
GGCTTATCTCTACACCTGGCCAGCCAATGACAGGCCAGCACGGGTCTGACCGCCTTGCCGTGGGCTT  
CAGCACCAGTGTGAAGGATGGCATCTTGGTCCGCATCGACGTGCTCCAGGACTTGGTGACTTCTCCAG  
CTTCACATAGAACAGGGGAAATTTGGAGTTGTCTTCAACATTGGCACAGTTGACATCTCCATCAAAGAGG  
AGAGAACCCCTGTAATGACGGCAATACCATGTGGTACGCTTCACCAGGAACGGCGCAACGCCACCCT  
GCAGGTGGACAACCTGGCCAGTGAATGAACATTATCCTACAGGCAACACTGATAATGAACGCTTCCAAATG  
GTAAACAGAAAAATCCCTTCAAATATAATCGGCCTGTAGAGGAGTGGCTGCAGGAAAAAGCGCGCAGT  
TAACCATCTTCAACACTCAGGCGCAATAGCCATTGGTGGAAAGGACAAAGGACGCCTCTTCAAGGCCA  
ACTCTCTGGGCTCTATTATGATGGTTTGAAGTACTGAACATGGCGGCTGAGAACAAACCCCAATATTA  
ATCAATGGAAGTGTTCGGCTGGTTGGAGAAGTCCCATCAATTTGGGAACAACAGACGACCTCCATGC  
CACCAGAAATGTCTACTACTGTCATGGAACCACTACTACAATGGCGACTACCACAACCCGTAAGAATCG  
CTCTACAGCCAGCATTAGCCAACATCAGATGATCTTGTTCATCTGCTGAATGTTCAAGTGATGATGAA  
GACTTTGTTGAATGTGAGCCGAGTACAGCAAAACCCACGGAGCCGGAATCAGACGGGTTCCGGGGCCT  
CAGAGGTGATCCGGGAGTCGAGCAGCACACAGGGATGGTCGTGGCATTGTGGCTGCTGCCGCCCTCTG  
CATCTTGATCCTCTGTACGCCATGTACAAGTACAGGAACAGGGACGAGGGTCTATCAAGTGGACGAG  
ACGCGGAACTACATCAGCAACTCCGCCAGAGCAACGGCACGCTCATGAAGGAGAAGCAGCAGGCTCGA  
AGAGCGGCCACAAGAAACAGAAAAACAAGGACAGGGAGTATTACGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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| <b>Protein Sequence:</b> | <p>&gt;RC225771 representing NM_001105250</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MHLRIHARRSPRRPAWTLGIWFLWGCIVSSVWSSSNVASSSSTSSSPGSHSQHEHHFHGSKHHSVPIS<br/> IYRSPVSLRGGHAGATYIFGKSGGLILYTPANDRPSTRSDRLAVGFSTTVKDGILVRIDSAPGLGDFLQ<br/> LHIEQKIGVVFNIGTVDISIKEERTPVNDGKYHVVRFTRNGGNATLQVDNWPVNEHYPTGNTDNERFQM<br/> VKQKIPFKYNRPVEEWLQEKGRQLTIFNTQAQIAIGGKDKGRLFQGLSGLYYDGLKVLNMAAENNPNIK<br/> INGSVRLVGEVPSILGTTQTTSMPPEMSTTVMETTTTMAATTTTRKNRSTASIQPTSDDLVSSAECSSDDE<br/> DFVECEPSTANPTEPGIRRVPGASEVIRESSSTTGMVVGIVAAAALCILLIYAMYKYRNRDEGSYQVDE<br/> TRNYISNSAQSNGLMKEKQQSSKSGHKKQKNKDREYYV</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ACCN:</b>             | NM_001105250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ORF Size:</b>         | 1377 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <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>           | <a href="#">NM_001105250.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq ORF:</b>       | 1380 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>         | 9369                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID:</b>       | <a href="#">Q9HDB5</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cytogenetics:</b>     | 14q24.3-q31.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>MW:</b>               | 50.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |