

## Product datasheet for **RC200981A1V**

### Human SNX6 (NM\_021249) AAV Particle

#### Product data:

|                |                            |
|----------------|----------------------------|
| Product Type:  | AAV Particles              |
| Tag:           | Myc-DDK                    |
| Symbol:        | SNX6                       |
| Synonyms:      | MSTP010; TFAF2             |
| Mammalian Cell | None                       |
| Selection:     |                            |
| Vector:        | pAAV-AC-Myc-DDK (PS100089) |

**ORF Nucleotide Sequence:** >RC200981 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**C

ATGACGAAGGAAGAATTCACAAAGATGAAACAGGAAGCTGAATATTTGGCAATATTCAAGAAGA  
CAGTTGCGATGCATGAAGTGTTCCTGTGTCGTGGCAGCACATCCTATTTGAGAAGAGATTTAAATTT  
CCATGTCTTCTTGGAAATAATCAAGATTTGAGTGTGCGAGGAAAAATAAAAAAGAGAACTTGAAGAC  
TTCTTTAAAAACATGGTTAAATCAGCAGATGGAGTAATCGTTTCAGGAGTAAAGGATGTAGATGATTTCT  
TTGAGCACGAACGAACATTTCTTTTGGAAATCATAACCGAGTTAAGGATGCATCTGCTAAATCTGATAG  
AATGACAAGATCCACAAAAGTGTGCAGATGATTACAATAGAATTGGTTCTTCATTATATGCTTTAGGA  
ACTCAGGATTCTACAGATATATGCAAGTTTTTCTCAAAGTTTCAGAACTGTTTCGATAAAACAAGAAAA  
TAGAAGCACGAGTGTCTGCTGATGAAGACCTCAAACCTTCTGATCTTTAAAAATATTACTTAAGAGAATC  
TCAAGCTGCTAAGGATCTCCTGTATCGAAGGTCTAGGTCACTAGTGGATTATGAAAATGCTAATAAGCA  
CTGGATAAAGCAAGAGCAAAAAATAAGATGTTCTACAGGCCGAACTTCCCAACAATTATGTTGTCAGA  
AATTTGAAAAAATATCTGAGTCTGCAAAACAAGAACTTATAGATTTTAAGACAAGAAGAGTTGCTGCATT  
CAGAAAAAATTTAGTGGAACTGGCAGAGTTAGAACTGAAGCATGCAAGGGTAATCTACAGTTGCTGCAG  
AACTGCCTGGCAGTGTTAAATGGAGACACA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATACGACGATAAGGTTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC200981 protein sequence<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MTKEEF TKMKQELAEYLAIFKKT VAMHEVFLCRVA AHPILRRDLNFHV FLEYNQDLSVRGKNKKEKLED<br/> FFKNMVK SADGVI VSGVKD VDDFFEHERTFLLEYHNRVKDASAKSDRMTRSHKSAADDYNRIGSSLYALG<br/> TQDSTDICKFFLKVSE LFDKTRKIEARVSADE LKLSDLLKY LRESQA AKDLLYRRSRSLVDYENANKA<br/> LDKARAKNKDVLQAETSQQLCCQKF EKISESAKQELIDFKTRRVAAFRKNLVELAELELKHAKGNLQLLQ<br/> NCLAVLNGDT</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI SEEDLAANDILDYKDDDDKV</span></p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ACCN:</b>             | NM_021249                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ORF Size:</b>         | 870 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>           | <u><a href="#">NM_021249.3</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>RefSeq Size:</b>      | 3080 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq ORF:</b>       | 873 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Locus ID:</b>         | 58533                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID:</b>       | <u><a href="#">Q9UNH7</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cytogenetics:</b>     | 14q13.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>MW:</b>               | 33.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |