

Product datasheet for **RC218255A1V**

Human USH1G (NM_173477) AAV Particle

Product data:

Product Type: AAV Particles

Tag: Myc-DDK

Symbol: USH1G

Synonyms: ANKS4A; SANS

Mammalian Cell None

Selection:

Vector: pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC218255 representing NM_173477
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAACGACCACTACCAACGGGCAGCCGGGATGGCTACCTGGAGCTCCTCAAGGAGGCCACCCGAAAGG
AGCTGAATGCCCCGACGAGGATGGCATGACCCCACTCTCTGGGCTGCCTACCATGGCAACCTCGAGTC
GCTGCGTCTCATTGTGAGCCGCGGGGTGACCCGACAAGTGTGACATCTGGGGCAACACACCCCTGCAT
CTGGCAGCTTCCAATGGCCACTTGCACTGCCTGTCTTCTCGGTGTCTTCTGGAGCCAACATCTGGTGCC
TAGACAACGACTACCACACGCCGCTGGACATGGCTGCCATGAAGGGCCACATGGAATGCGTGCCTACCT
GGACTCCATCGCGCCAAGCAGAGCAGCTCAACCCCAAGCTGGTGGTAAGCTGAAGGACAAGGCCTTC
CGCAGGCGGAGCGCGCATCCGCGAGTGCGCCAAGCTGCAGCGGAGGCCACCAAGACGATGGAGCGGC
GATACCGGCGCAGCTGGCCGAGCGTTCGACACCCCTCAGCTTCTCCAGCCTCACGTCCAGCACCCCTGAG
CCGCCGGCTGCAGCATCTGGCGCTGGGCAGCCACCTGCCGTACTCTCAGGCCACGTGCACGGCACGGCC
AGGGGCAAGACCAAGATGCAGAAGAAGCTGGAGCGCGCAAGCAGGGCGCGAAGGCACCTTCAAGGTCT
CCGAGGATGGGCGCAAGAGCGCCGCTCGCTCTCGGGCTGCAGCTGGGCAGCGACGTGATGTTCTGTGCG
CCAGGGCACCTACGCCAATCCAAGGAGTGGGGCCGAGCCCGCTCCGGGACATGTTCTCTCGGACGAG
GACAGCGTCTCCCGTGCCACGCTGGCGCCGAGCCTGCCACTCGGAGGTGACACCGACTCAGGCCACG
ACTCCTGTTTACCCGCCCCGGCCTGGGCACCATGGTGTTCGCGAGAAATTACTTGACAGTGGGCTGCA
CGACTGGGCGCGAGGATGGGGTCTGGATGGGTGGGAGCGCCGCGGGTCTGGCTGCAGAGCTCCCC
AGCCTGGACGATGACAGCCTGGGCAGTGCCAACAGCCTGCAGGACCGCAGCTGTGGGAGGAGCTGCCCT
GGGATGAGCTCGATTTAGGCTTGGACGAGGACCTGGAGCCCGAGACTAGCCCGTGGAGACCTTCTGCG
CTCTCTGCACATGGAGGACTTTGCCGCCCTCTGCGGCAGGAGAAGATCGACCTCGAGGCTTTGATGCTG
TGCTCTGACCTCGACCTCCGACGATCAGCGTCCCACTGGGGCCCCGAAAGAAGATCTTGGGGCCGTGA
GGAGGCGGCGCAGGCGATGGAGCGCCCGCGCCCTGGAGGACACAGAGCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC218255 representing NM_173477 Red=Cloning site Green=Tags(s) MNDQYHRAARDGYLELLKEATRKELNAPDEDMPTPLWAAYHGNLESLRLIVSRGGDPDKCDIWGNTPLH LAASNGHLHCLSLVVSFGANIWCLDNDYHTPLDMAAMKGHMECVRYLDSIAAKQSSSLNPKLVGKLKDKAF REAERRIRECAKLQRRHHERMERRYRRELAERSDTLSFSSLTSSTLSRRLQHLALGSHLPYSQATLHGTA RGKTKMQKKLERRKQGEGFTKVSDEGRKSARSLSGLQLGSDVMFVRQGTYANPKEWGRAPLRDMFLSDE DSVSRATLAAEPAHSEVSTDSGHDLSLFTRPGLGTMVFRRNYLSSGLHGLGREDGGLDGVGAPRGRLQSSP SLDDDSLGSANSLQDRSCGEELPWDELDLGLDEDELEPETSPLETFLASLHMFDAALLRQEKIDLEALML CSDLDLRSISVPLGPRKKILGAVRRRRQAMERPPALEDTEL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_173477
ORF Size:	1383 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:	<u>NM_173477.2</u>
RefSeq Size:	3561 bp
RefSeq ORF:	1386 bp
Locus ID:	124590
UniProt ID:	<u>Q495M9</u>
Cytogenetics:	17q25.1
MW:	51.3 kDa