

Product datasheet for **RC200758A1V**

Human Signal Peptide Peptidase (HM13) (NM_030789) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Signal Peptide Peptidase
Synonyms:	HI3; IMP1; IMPAS; IMPAS-1; MSTP086; PSEN13; PSL3; SPP; SPPL1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200758 representing NM_030789
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGACTCGGCCCTCAGCGATCCGCATAACGGCAGTGCCGAGGCAGGCGGCCACCAACAGCACTACGC
GGCCGCCTTCCACGCCGAGGGCATCGCGCTGGCTACGGCAGCCTCCTGCTCATGGCGTCTGCCCAT
CTTCTTCGGCGCCCTGCGCTCCGTACGCTGCGCCGCGGCAAGAAATGCTTCAGACATGCCTGAAACAATC
ACCAGCCGGGATGCCGCCGCTTCCCATCATCGCCAGCTGCACACTCTTGGGGCTCTACCTCTTTTCA
AAATATTCTCCAGGAGTACATCAACCTCCTGCTGTCCATGTATTTCTTCGTGCTGGGAATCCTGGCCCT
GTCCACACCATCAGCCCTTCATGAATAAGTTTTTCCAGCCAGCTTCCAAATCGACAGTACCACTG
CTCTTCACACAGGGTTCTGGGAAAACAAGGAAGAGATCATCAATTATGAATTTGACACCAAGGACCTGG
TGTGCTGGGCTGAGCAGCATCGTTGGCGTCTGGTACCTGCTGAGGAAGCACTGGATTGCAACAACCT
TTTTGGCCTGGCCTTCTCCCTAATGGAGTAGAGCTCCTGCACCTCAACAATGTCAGCACTGGCTGCATC
CTGCTGGGCGGACTCTTCATCTACGATGTCTTCTGGGTATTTGGCACCAATGTGATGGTGACAGTGGCCA
AGTTCTTCGAGGCACCAATAAAATTGGTGTTCCTCCAGGATCTGCTGGAGAAAGGCCTCGAAGCAACAA
CTTTGCCATGCTGGGACTTGGAGATGTCGTTCATTCCAGGGATCTTCATTGCCTTGCTGCTGCGCTTTGAC
ATCAGCTTGAAGAAGAATACCCACACCTACTTCTACACCAGCTTTGAGCCTACATCTTCGGCCTGGGCC
TTACCATCTTCATCATGCACATCTTCAAGCATGCTCAGCCTGCCCTCCTATACCTGGTCCCCGCTGCAT
CGGTTTTCTGTCTGCTGGTGGCGCTGGCCAAGGAGAAGTGACAGAGATGTTCAAGTTATGAGGAGTCAAA
CCTAAGGATCCAGCGCAGTGACAGAATCCAAAGAGGAACAGAGGCATCAGCATCGAAGGGGCTGGAGA
AGAAAGAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200758 representing NM_030789 Red=Cloning site Green=Tags(s) MDSALSDPHNGSAEAGGPTNSTTRPPSTPEGIALAYGSLLLMALLPIFFGALRSVRCARGKNASDMPETI TSRDAARFPIIASCTLLGLYLFFKIFSQEYINLLLSMYFFVLGILALSHTISPFMNKFFPASFPNRQYQL LFTQSGGENKEEIIINYEFDTKDLVCLGLSSIIGVWYLLRKHWIANNLFGLAFLNGVELLHLNNVSTGCI LLGGLFIYDVFWVFGTNVMTVAKFFEAPIKL VFPQDLLEKGLEANNFAMLGLGDVVIPGIFIALLLRFD ISLKKNTHTYFYTSFAAYIFGLGLTIFIMHIFKHAQPALLYLPACIGFPVLVALAKGEVTEMFSYEESN PKDPAAVTESKEGTEASASKGLEKKEK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_030789
ORF Size:	1131 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_030789.2</u>
RefSeq Size:	1604 bp
RefSeq ORF:	1134 bp
Locus ID:	81502
UniProt ID:	<u>Q8TCT9</u>
Cytogenetics:	20q11.21
MW:	41.3 kDa