

Product datasheet for **RC225670A1V**

Human PSG8 (NM_001130167) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PSG8
Synonyms:	PSG1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC225670 representing NM_001130167
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGGCTCCTCTCAGCCCTCCCTGCACACAGCGCATCACCTGGAAGGGGCTCCTGCTCACAGCATCAC
TTTTAACTTCTGGAACCCACCCACGACTGCCAAGTCACGATTGAAGCCAGCCAACCAAAGTTTCTGA
GGGGAAGGATGTTCTTCTACTTGTCCACAATTTGCCCCAGAATCTTACTGGCTACATCTGGTACAAAGGG
CAAATCAGGACCTCTACCATTACATTACATCATATGTAGTAGACGGTCAAATAATTATATATGGGCCTG
CATACAGTGGACGAGAAACAATATATTCCAATGCATCCCTGCTGATCCAGAATGTCACCCAGGAAGACGC
AGGATCCTACACCTTACACATCATAATGGGAGGTGATGAGAATAGAGGAGTAAGTGGACATTTACCTTC
ACCTTATATCTGGAGACTCCCAAGCCCTCCATCTCCAGCAGCAAAATTAACCCAGGGAGGCCATGGAGG
CTGTGAGCTTAACCTGTGATCTGAGACTCCGGACGCAAGCTACCTGTGGTGGATGAATGGTCAGAGCCT
CCCTATGTCTCACAGGTTGCAGTTGTCTGAAACCAACAGGACCTCTTTCTATTGGGTGTCACAAAGTAC
ACTGCAGGACCTATGAATGTGAAATACGGAACCCAGTGAGTGCCAGCCGAGTGACCCATTCACCTGA
ATCTCCTCCCGAAGCTGCCAAGCCCTACATCACCATCAACAACCTAAACCCAGGGAGAAATAAGGATGT
CTTAAACTTCACCTGTGAACCTAAGAGTGAGAACTACACCTACATTTGGTGGCTAAATGGTCAGAGCCTC
CCGGTCAGTCCCAGGGTAAAGCGACCCATTGAAACAGGATCCTCATTCTACCCAGTGTCACGAGAAATG
AAACAGGACCTATCAATGTGAAATAAGGGACCAATATGGTGGCATCCGAGTTACCCAGTCACCTGAA
TGTCTCTATGGTCCAGACCTCCCAAGAATTTACCCTTCATTACCTATTACCGTTCCAGAGAAATCCTC
TACTTGTCTGTTCTGCGGACTCTAACCACCGGCACAGTATTCTTGGACAATTAATGGGAAGTTTCAGC
TATCAGGACAAAAGCTCTTTATCCCCAAATTACTACAAAGCATAGCGGGCTCTATGCTTGCTGTGTCG
TAACTCAGCACTGGCAAGGAAAGCTCAAATCCATGACAGTAAAAGTCTCTGACTGGACATTACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC225670 representing NM_001130167 Red=Cloning site Green=Tags(s) MGLLSAPPCTQRITWKGLLLTASLLNFWNPPTTAQVTIEAQPTKVSEGKDVLLLVHNLQNLGTGYIWYKG QIRDLYHYITSYVVDGQIIYGPAYSGRETIYSNASLLIQNVTQEDAGSYTLHIIMGGDENRGVTGHFTF TLYLETPKPSISSSKLNPREAMEAVSLTCDPETPDASYLWWMNGQSLPMSHRLQLSETNRTLFLLGVTKY TAGPYECEIRNPVSASRSDPFTLNLLPKLPKYITINNLPRENKDVLFNFTCEPKSENYTYIWWLNGQSL PVSPRVKRPINRILILPSVTRNETGPYQCEIRDQYGGIRSYPTLVNLYGPDLPRIYPSFTYYRSGEVL YLSCSADSNPQAQYSWTINGKFQLSGQKLFIPQITTKHSGLYACSVRNSATGKESSKSM TVKVS DWTLP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001130167
ORF Size:	1257 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_001130167.1</u>
RefSeq ORF:	1260 bp
Locus ID:	440533
UniProt ID:	<u>Q9UQ74</u>
Cytogenetics:	19q13.2
MW:	47 kDa