

Product datasheet for **RC220514A1V**

Human glycerol 3 phosphate permease (SLC37A1) (NM_018964) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	glycerol 3 phosphate permease
Synonyms:	G3PP
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC220514 representing NM_018964
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTCGACTCCCCGCTGGCATTGCTTCATCATCTCATTCTCCAGGGATCAGTGGTACAGAGCCTTCA
 TTTTATTTTACATTTCTGCTGTATGCAAGTTTTCATTATCTCGAAAGCCTATCAGCATAGTTAAGGG
 TGAGCTCCACAAGTACTGCACTGCTTGGGATGAAGCTGACGTGAGTTCAGCAGCCAGAACAGGAAGTCT
 GGGTCCGCTGCCCCCACCAGCTCCCTGACAAATGAGACCGACTGTGGCTGGGCACCGTTTGATAAGAACA
 ACTATCAGCAGCTGCTTGGGGCCCTGGACTACTCCTTCTGTGCGCCTATGCCGTGGGATGTACCTCAG
 TGGCATCATTGGGGAGCGCTGCCGATTAGGTATTACCTAACCTTTGCGGATGCTCGCCAGCGGAGCCTTC
 ACCGCCCTGTTGCGCTTAGGGTATTCTACAACATCCACAGTTTCGATTCTACGTGGTAACTCAGGTCA
 TCAACGGGCTGGTGCAGACCACCGCTGGCCAGCGTCTCACCTGCCTCGGCAACTGGTTTGAAAAGG
 AAGGAGAGGTTTGATTATGGGGTCTGGAACCTCCACACCTCCGTGGGCAACATCTTGGGGTATTGATC
 GCTGGTACTGGGTGTCCACATGCTGGGGCTGTCTTCGTGCTGCTGGAGCCATCGTGGCAGCCATGG
 GGATAGTGTCTTCTCTCTCATTGAACATCCGAACGACGTGAGGTGCTCTCCACCCTGGTGACGCA
 CTCAAAGGCTATGAGAATGGTACAAACAGATTGAGACTCCAGAAGCAATCTGAAGAGCGAAAAGAAC
 AAGCCTCTGGACCCAGAGATGCACTGCTGCTCTCAGATGGGAAGGGCTCCATCCACCCGAACCACG
 TCGTCATTCTCCCGGGGAGCGTGGGAGTGGCACGGCCGCTCAGCTTCACAGGGGCTTGAAAATTCC
 AGGCGTGATAGAGTTCTCACTGTGTCTGCTGTTTGCCAAGCTGGTCACTATACTTTCTCTTCTGGCTG
 CCCCTGTACATCACGAATGTGGATCACCTTGATGCCAAAAGGGGGGAGCTCTCCACCCTGTTTGACG
 TGGCGGAATCTTTGGTGGGATCTGGCAGGTGTGATCTCAGACCGACTGGAGAAAAGGGCTCCACCTG
 CGGCCTGATGCTGCTGCTGCGCGCCCCACGCTCTACATCTTCTCCACCGTCAGCAAGATGGGGCTTGAG
 GCCACCATCGCCATGCTGCTGCTCAGCGGAGCCCTGGTCACTGGGCGCTACACACTCATCACCCGCCG
 TCTCCGCCGACCTGGGACTCATAAAGTCTGAAAGGCAACGCGCACGCCCTCTCCACCGTGACGGCCAT
 CATTGACGGGACGGGCTCTGTAGGAGCAGCCCTGGGCCCTGCTGGCTGGGCTCCTCTCCCGTCCGGC
 TGGAGCAATGTGTTTACATGCTGATGTTTGCAGATGCCTGTGCCTTACTGTTCTGTATCCGCCTCATA
 ACAAGGAGCTGAGCTGCCAGGGTCAGTACGGGGACCAAGTTCCATTAAAGGAACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC220514 representing NM_018964
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MARLPAGIRFIISFSDQWYRAFIILTFLLYASFHLSRKPISIVKGELHKYCTAWDEADVRFSSQNRKS
 GSAAPHQLPDNETDCGWAPFDKNYQQLLGDYSFLCAYAVGMYLSGIIGERLPIRYLTFGMLASGAF
 TALFGLGYFYNIHSFGFYVVTQVINGLVQTTGWPSVVTCLGNWFGKGRRLIMGVWNSHTSVGNILGSLI
 AGYWVSTCWGLSFVVPGAIVAAMGIVCFLFLIEHPNDVRCSSLTVTHSKGYENGTNRLRLQKQILKSEKN
 KPLDPEMQCLLLSDGKSIHPNHVILPGDGGSGTAASFTGALKIPGVIEFSLCLLFAKLVSYTFLEWL
 PLYITNVDLDAKAGELSTLFDVGGIFGGILAGVISDRLEKRASTCGLMLLLAAPTLYIFSTVSKMGLE
 ATIAMLLLSGALVSGPYTLITTAVSADLGTHKSLKGNALSTVTAIIDGTGSVGAALGPLLAGLLSPSG
 WSNVFMFMFADACALLFLIRLIHKELSCPGSATGDQVPFKEQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_018964

ORF Size: 1599 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:	NM_018964.3
RefSeq Size:	3098 bp
RefSeq ORF:	1602 bp
Locus ID:	54020
UniProt ID:	P57057
Cytogenetics:	21q22.3
MW:	57.5 kDa