

Product datasheet for **RC218310A1V**

Human PSMA (FOLH1) (NM_004476) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PSMA (FOLH1) (NM_004476) AAV Particle
Tag:	Myc-DDK
Symbol:	FOLH1
Synonyms:	FGCP; FOLH; GCP2; GCPII; mGCP; NAALAD1; NAALAdase; PSM; PSMA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC218310 representing NM_004476
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGAATCTCCTTCACGAAACCGACTCGGCTGTGGCCACCGCGCGCCCGCGCTGGCTGTGCGCTG
 GGGCGCTGGTGTGGCGGGTGGCTTCTTTCTCCTCGGCTTCTCTTCGGGTGGTTATAAAATCCTCAA
 TGAAGCTACTAACATTACTCCAAAGCATAATATGAAAGCATTTTGGATGAATTGAAAGCTGAGAACATC
 AAGAAGTTCTTATATAATTTACACAGATACCACATTTAGCAGGAACAGAAACAAACTTTAGCTTGCAA
 AGCAAATTCATCCAGTGGAAGAATTTGGCTGGATTCTGTTGAGCTAGCACATTATGATGTCCTGTT
 GTCCTACCCAAATAAGACTCATCCAACTACATCTCAATAATTAATGAAGATGGAATGAGATTTTCAAC
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 TATCCTAAATCTGAATGGTGCAGGAGACCCTCTCACACCAGGTTACCCAGCAAATGAATATGCTTATAGG
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 AGCGTGGCGTGGCTTATTAATGCTGACTCATCTATAGAAGGAACTACACTCTGAGAGTTGATTGTAC
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 TGCTGACAAAATCTACAGTATTTCTATGAAACATCCACAGGAAATGAAGACATACAGTGTATCATTTGAT
 TCACTTTTTCTGAGTAAAGAAATTTTACAGAAATGCTTCCAAGTTCAGTGAGAGACTCCAGGACTTTG
 ACAAAGCAACCCAATAGTATTAAGAATGATGAATGATCAACTCATGTTTCTGGAAAGAGCATTTATTGA
 TCCATTAGGGTTACCAGACAGGCCTTTTATAGGCATGTCATCTATGCTCCAAGCAGCCACAACAAGTAT
 GCAGGGGAGTCATTCCAGGAATTTATGATGCTCTGTTTGATATTGAAAGCAAAGTGGACCCTTCCAAGG
 CCTGGGAGAGTGAAGAGACAGATTTATGTTGCAGCCTTCACAGTGCAGGCAGCTGCAGAGACTTTGAG
 TGAAGTAGCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC218310 representing NM_004476 Red=Cloning site Green=Tags(s) MWLLHETDSAVATARRPRWLCAGALVLAGGFLLGFLFGWFIKSSNEATNITPKHNMKAFLDELKAENI KKFLYNFTQIPHLAGTEQNFQLAKQIQSQWKEFGLDSVELAHYDVLLSYPNKTHPNYISINEDGNEIFN TSLFEPPPPGYENVSDIVPPFSAFSPQGMPEGDLVYVNYARTEDFFKLERDMKINCSGKIVIARYGKVFR GNKVKNALAGAKGVILYSDPADYFAPGVKSYPDGWNLPGGGVQRGNILNLGAGDPLTPGYPANEYAYR RGIAEAVGLPSIPVHPIGYYDAQKLLKMGGSAPPDSSWRGSLKVPYNVGPFFTGNFSTQKVKMHIHSTN EVTRIYNVIGTLRGAVEPDRYVILGGHRDSWVFGGIDPQSGAAVVHEIVRSFGTLKKEGWRPRRTILFAS WDAEEFGLLGSTEWAEENSRLQERGVAYINADSSIEGNYTLRVDCTPLMYSLVHNLTKELKSPDEGFEG KSLYESWTKKSPSPEFSGMPRISKLGSGNDFEVFFQRLGIASGRARYTKNWETNKFSGYPLYHSVYETYE LVEKFYDPMFKYHLTVAQVRGGMVFELANSIVLPFDCRDYAVVLRKYADKIYSISMKHPQEMKTYSVSFD SLFSAVKNFTEIASKFSERLQDFDKSNPIVLRMMNDQLMFLERAFIDPLGLPDRPFYRHYIAPSSHNKY AGESFPGIYDALFDIESKVDPSKAWGEVKRQIYVAAFTVQAAAETLSEVA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004476
ORF Size:	2250 bp
Buffer:	PBS with 0.001% Pluronic F7835
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_004476.1</u>
RefSeq Size:	2653 bp
RefSeq ORF:	2253 bp
Locus ID:	2346
UniProt ID:	<u>Q04609</u>
Cytogenetics:	11p11.12
MW:	84.2 kDa