

Product datasheet for **RC220354A1V**

Human PSD3 (NM_206909) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PSD3 (NM_206909) AAV Particle
Tag:	Myc-DDK
Symbol:	PSD3
Synonyms:	EFA6D; EFA6R; HCA67
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC220354 representing NM_206909
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTCTTCTTGGTGTCTGTATGGTTGCTGCAATGCTGGGGTGAACAACACGGCTAGAAGCTCATT
 CTGAAATGGGGAGCACTGAAATTTTGGAAAAGGAGACCCAGAAAATCTCAGTAATGGTACCAGCAGCAA
 TGTGGAAGCAGCCAAAAGGTTGGCCAAACGCCTTTATCAGCTGGACAGATTCAAAAGATCAGATGTTGCA
 AAACACCTTGGCAAGAACAACGAATTTAGCAAAGTGTGAGAAGAATATCTGAAGTTTTTTGATTTTA
 CAGGAATGACGCTGGATCAGTCACTCAGGTATTTCTTTAAAGCATTCTCTTGTGGGAGAACTCAAGA
 ACGAGAGAGAGTTTTAATACACTTCTCCAATAGATATTTTTATTGTAACCCAGATACCATTGCTTCACAA
 GATGGAGTCCATTGCCTTACCTGTGCAATAATGCTTCTAATACCGATCTACATGGCCACAATATTGGAA
 AGAAGATGACCTGTCAGGAGTTCATTGCAAATCTGCAAGGGTAAATGAGGGTGTGATTCTCCAAGGA
 TCTGCTGAAAGCTCTGTACAACCAATCAAGAATGAGAAGCTTGAATGGGCAGTAGATGATGAAGAGAAA
 AAAAAGTCTCCCTCAGAAAGTACTGAGGAGAAAGCTAACGGAACACATCCAAAGACCATCAGTCGTATTG
 GAAGTACTACTAACCCATTTTTGGACATTCTCATGATCCAAATGCTGCTGTGTACAAAAGTGGATTCTT
 GGCTCGGAAAATTCATGCAGATATGGATGGAAGAAGACTCCAAGAGGAAAACGAGGATGGAACCTTTT
 TATGCTGTACTGAAGGGAACAGTTCTTTACTTGCAAAAGGATGAATACAAGCCAGAAAAGGCCTTGCTG
 AAGAGGACTTGAAAACGCTGTGAGTGTGCACCACGCATTGGCATCCAAGGCCACGGACTATGAGAAGAA
 ACCAAACGTGTTTAACTTAAACTGCCGACTGGAGGGTCTTGCTTTTCAAACCTCAGAGCCAGAGGAA
 ATGCAAGGGTGGATAAACAATCAATTGTGTGGCAGCTGATTTTCTGCACCACCATTTCCAGCAGCAA
 TCGGCTCTCAGAAGAAGTTTAGCCGCCACTTCTGCCTGCCACTACAACAAAAGTGTCTCAGGAGGAGCA
 ACTGAAGTCACATGAAAGTAAGCTGAAGCAGATCACACCGAGCTGGCCGAGCACCCTCATATCCCCC
 GACAAGAAGGTCAAAGCCAAGGACGTCGATGAGTACAACTGAAAGACCACTATCTGGAGTTTGAAAAA
 CCCGCTATGAAATGTATGTCAGCATTCTCAAGGAAGGAGGCAAAGAGCTACTGAGTAACGATGAAAGCGA
 GGCTGCAGGACTGAAGAAGTCGCACTCGAGTCTTCGCTGAACCCGGTACTTCTCCAATCACTGCCAA
 GTCAAGCGTAACGTGTCAGAGAGGAAGGATCACCGACCTGAAACACCAAGCATTAAAGCAAAAAGTTACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGSSWCLYGCCNAGVKTRLEAHSEMGSTEILEKETPENLSNGTSSNVEAAKRLAKRLYLDRFKRSDVA
 KHLGKNNFSLVAEEYLKFFDFTGMTLDQSLRYFFKAFSLVGETQERERVLIHFSNRYFYCNPDITASQ
 DGVHCLTCAIMLLNTDLHGHNIGKKMTCQEFIANLQGVNEGVDVSKDLLKALYNSIKNEKLEWAVDDEEK
 KKSPSESTEKANGTHPKTISRIGSTTNPFIDIPHPNAAVYKSGFLARKIHADMDGKKTPRGKRGWKT
 YAVLKGTVLYLQKDEYKPEKALSEEDLKNVSVHHALASKATDYKKPNVFKLKTADWRVLLFQTQSPEE
 MQGWINKINCVAVFSAAPPFAAIGSQKFSRPLLPAATTKLSQEEQLKSHEKSLKQITTELAEHRSYPP
 DKVKYAKDVDEYKLKDHYLEFEKTRYEMYVSILKEGGKELLSNDESEAAGLKKSHSSPSLNPDTSPITAK
 VKRNVSEKDRHPETPSIKQKVT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_206909

ORF Size:

1539 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_206909.1</u> , <u>NP_996792.1</u>
RefSeq Size:	6822 bp
RefSeq ORF:	1542 bp
Locus ID:	23362
UniProt ID:	<u>Q9NYI0</u>
Cytogenetics:	8p22
MW:	57.9 kDa