

Product datasheet for **RC219442A1V**

Human FGD4 (NM_139241) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FGD4 (NM_139241) AAV Particle
Tag:	Myc-DDK
Symbol:	FGD4
Synonyms:	CMT4H; FRABP; ZFYVE6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219442 representing NM_139241
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGAAATTAACCTGCCTCTGCTTCTGTGTCTCAAAGAAAAACCCAGTAAGGTATCAGATCTCA
 TCAGTCGCTTTGAAGGAGGCAGCTCATTATCAAATTATAGTGATTTGAAGAAAGAGTCTGCTGTGAACCT
 AAATGCTCCTAGAACCCAGGAAGGCATGGATTGACAACACACCTCAACAAAACTCCTCTCCAGCAC
 TTGCCACAGAGGCAGGAAATGATACAGATAAGACTCAGGGTGACAGACTTGTGTGGCAACCGTGTA
 TGGCAGCACAAAACAGATGGAATGTGAGGAGGAGAAAGCTGCCACTCTAGCTCAGATACTTCTATTCA
 AGCTTCTGAACCTTGTGATATGCACATAGTGAATGGAGAAAGAGATGAACTGCCACAGCTCCTGCA
 TACCCACAACAGACAGCTGTGATGGAATGCTTCTGACAGTAGCTACAGGACTCCAGGCATAGGCCAG
 TGCTCCCCTAGAGAAAGAGGGGCAGAAACAGAAACCAAGGTACAAGAGAGGAAAAATGGGAAAGCCC
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 GCCAATGAACCTTTGCTTACTGAAAGAGCTTATGTCAACCGACTTGACCTCTTAGATCAGGTATTTTATT
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 CGGATTCCTCGGTATGAGATGCTCCTTAAGGACTATCTAAGGAAATGCCTCCTGATTCCTGGACTGGA
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 AATGAACATAAAGAAAGGACAGATCCTCAAACCTAGTGTCTGAAACACTTCAGCACAGAAGCGTACC
 TTTTCTTATTCAACAACATGTTGCTGTACTGTGTGCCAAATTCAGCTTGGTAGGCTCTAAATTCACAGT
 TCGAACCCAGGTTGGCATTGATGGAATGAAAATTTAGAGACTCAAAATGAAGAAATCCACATACTTTC
 CAGGTGTCTGGGAAAGAGAGAACTGGAACCTGCAGGCCAGTTCTGCACAAGACAAGAAGATGGATCA
 AGGCCCTTCAAGAAACCATCGATGCTTTTCATCAAAGGCATGAAACCTTCAGAAATGCAATTGCAAAGGA
 TAATGACATTCACCTCAGAGGTTTCTACTGCTGAGCTAGGAAAAGAGCCCCAAGATGGATCCGAGATAAT
 GAAGTGACAATGTGTATGAAATGTAAGAACCCTTCAATGCACTGACACGAAGGAGGCATCATTGTCGAG
 CATGTGGATATGTGGTTTGTGGAAATGCTCCGACTACAAAGCTCAACTTGAATATGATGGTGGTAAAT
 GAGCAAAAGTTGTAAAGACTGTTATCAAATCATAAGTGGATTCACAGACAGTGAAGAAAAAGAAAAAGAAA
 GGAATTTTAGAGATTGAATCAGCAGAAGTATCTGGAAACAGTGTGGTGTGCAGCTTTCTTCAGTATATGG
 AGAAGTCAAAACCTTGGCAGAAAGCTTGGTGTGTGATCCCCAAGCAAGACCCTCTTGTGCTGTACATGTA
 TGGTGCCCCCAGGACGTCAGAGCCAGGCCACCATTCACCTTCTGGGCTATGTGGTGGATGAAATGCCA
 AGGAGCGCAGACCTGCCACACAGTTTCAAACCTGACCCAGTCTAAGTCCGTGCACAGCTTTGCTGCAGACA
 GTGAGGAAGTGAAGCAGAAGTGGCTGAAAGTCATCTTTTAGCTGTACAGGTGAGACACCAAGGTGGTCC
 AAATGAGCATCCAGCCACCTTGGATGATCATCTGAACCTAAGAAAAAATCAGAAATGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC219442 representing NM_139241 Red=Cloning site Green=Tags(s) MEEIKPASASCVSKEKPSKVSDLISRFEGGSSLNYSCLKKESAVNLNAPRTPGRHGLTTTPQQKLLSQH LPQRQGNDDTKTQGAQTCVANGVMAAQNMCEEEKAATLSSDTSIQASEPLDMHIVNGERDETATAPA SPTTDS CDGNASDSSYRTPGIGPVLPLEERGAETETKVQERENGESPLELEQLDQHHEMKETNEQKLHKI ANELLLTERAYVNRLLDQVFYCKLLEEANRGSFPAEMVNKIFSNISSINAFHSKFLLEPELEKRMQEW TTPRIGDILQKLAPFLKMYGEYVKGFDNAMELVKNMTERIPQFKSVVEEIQKQKICGSLTLQHHMLEPVQ RIPRYEMLLKDYLRKLPPDSLWDNAKKSLEIISTAASHSNSAIRKMENLKKLLEIYEMLGEEEDIVNPS NELIKEQILKLAARNTSAQERYLFLFNMLLYCVPKFSLVGSKFTVRTRVGDGMKIVETQNEEYPHTF QVSGKERTLELQASSAQDKEEWIKALQETIDAFHQRHETFRNAIAKDNDIHSEVSTAELGKRAPRWIRDN EVTMCMCKEFPNALTRRRHHCRACGYVVCWKCSYKAQLEYDGGKLSKVCKDCYQIISGFTDSEKKRK GILEIESAEVSGNSVCSFLQYMEKSKPWQKAWCVIPKQDPLVLYMYGAPQDVRAQATIPLLGYVVDEMP RSADLPHSFKLQSKSVHSFAADSEELKQKWLKVILLAVTGETPGGPNEHPATLDDHPEPKKKSEC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_139241
ORF Size:	2298 bp
Buffer:	PBS with 0.001% Pluronic F7992
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_139241.1</u>
RefSeq Size:	2931 bp
RefSeq ORF:	2301 bp
Locus ID:	121512
UniProt ID:	<u>Q96M96</u>
Cytogenetics:	12p11.21
MW:	86.4 kDa