

Product datasheet for **RC239445A1V**

Human Fibroblast activation protein, alpha (FAP) (NM_001291807) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Fibroblast activation protein, alpha (FAP) (NM_001291807) AAV Particle
Tag:	Myc-DDK
Symbol:	FAP
Synonyms:	DPPIV; FAPA; FAPalpha; SIMP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC239445 representing NM_001291807
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAAGACTTGGGTAAAAATCGTATTTGGAGTTGCCACCTCTGCTGTGCTTGCCTTATTGGTGATGTGCA
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 TTTAAATGGAACATTTTCTTATAAAACATTTTTTCCAAACTGGATTTCAGGACAAGAATATCTTCATCAA
 TCTGCAGATAACAATATAGTACTTTATAATATTGAAACAGGACAATCATATACCATTTTGTAGTAATAGAA
 CCATGCTTTGGAGATACTCTTACACAGCAACATATTACATCTATGACCTTAGCAATGGAGAATTTGTAAG
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 GGCCCTTGCACTCTGGAACCTGGTCTTTTCAAATGTGGTATAGCAGTGGCTCCAGTCTCCAGCTGGGAATAT
 TACGCGTCTGTCTACACAGAGAGATTATGGGTCTCCCAACAAAGGATGATAATCTTGAGCACTATAAGA
 ATTCAACTGTGATGGCAAGAGCAGAATATTTCAAGAAATGTAGACTATCTTCTCATCCACGGAACAGCAGA
 TGATAATGTGCACTTTCAAACTCAGCACAGATTGCTAAAGCTCTGGTTAATGCACAAGTGGATTTCAG
 GCAATGTGGTACTCTGACCAGAACACGGCTTATCCGGCCTGTCCACGAACCACTTATACACCCACATGA
 CCCACTTCCTAAAGCAGTGTCTTCTTTGTGTCAGAC

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC239445 representing NM_001291807 Red=Cloning site Green=Tags(s) MKTWVKIVFGVATSAVLALLVMCIVLRPSRVHNSSEENTMRALTLKDILNGTFSYKTFFPNWISGQEYLHQ SADNNIVLYNIETGQSYTILSNRTMLWRYSYTATYYIYDLNNGEFVRGNELPRPIQYLCWSPVGSKLAYV YQNNIYLKQRPDPPFQITFNGRENKIFNGIPDWVYEEEMLATKYALWWSPNGKFLAYAEFNDTDIPVIA YSYYGDEQYPRITINIPYKAGAKNPVVRIFIIDTTYPAYVGPQEVVPAMIASSDYYFSLWTWVTDERVC LQWLKRVQNVSVLSICDFREDWQWDCPKTQEHIEESRTGWAGGFFVSTPVFSYDAISYYKIFSDKDGYK HIHYIKDTVENAIQITSGKWEAINIFRVTQDSLIFYSSNEFEYPGRRNIYRISIGSYPPSKKCVTCHLRK ERCQYYTASFSDYAKYYALVCYGPPISTLHDGRDQEIKILEENKELENALKNIQLPKEEIKKLEVDE ITLWYKMILPPQFDRSKKYPLLQVYGGPCSQSVRSVFAVNWISYLASKEGMVIALVDGRGTAFAQGDKLL YAVYRKLGVYEVEDQITAVRKFIEMGFIDEKRIAIWGSYGGYVSSLALASGTGLFKCGIAPVSSWEY YASVYTERFMGLPTKDDNLEHYKNSTVMARAEYFRNVDYLLIHGTADDNVHFQNSAQIAKALVNAQVDFQ AMWYSDQNHGLSGLSTNHLTYHMTFLKQCFSLSD SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001291807
ORF Size:	2205 bp
Buffer:	PBS with 0.001% Pluronic F11203
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_001291807.1</u>
RefSeq Size:	2740 bp
RefSeq ORF:	2208 bp
Locus ID:	2191
UniProt ID:	<u>Q12884</u>
Cytogenetics:	2q24.2
MW:	84.9 kDa