

Product datasheet for **RC230332A1V**

Human IGSF10 (NM_001178146) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IGSF10 (NM_001178146) AAV Particle
Tag:	Myc-DDK
Symbol:	IGSF10
Synonyms:	CMF608
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC230332 representing NM_001178146
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGGGATGATCTGATGATGTCATGTTAGCCTAAGACTGAAACCTGCCAAAATTGACCACAAGCAGT
 ATTTTAGAAAGCAAGTGCTCCATGGGAAAGATTTCCAAGTAGATTGCAAAGCTTCGGCTCCCCAGTGCC
 AGAGATATCTTGAGTTTGCTGATGGAACCATGATCAACAATGCAATGCAAGCCGATGACAGTGCCAC
 AGGACTAGGAGATATACCCTTTTCAACAATGGAACCTTTACTTCAACAAAGTTGGGGTAGCGGAGGAAG
 GAGATTACTTGCTATGCCCAGAACCCCTAGGGAAAGATGAAATGAAGGTCCACTTAACAGTTATAAC
 AGCTGCTCCCGGATAAGGCAGAGTAACAAAACCAACAAGAGAATCAAAGCTGGAGACACAGCTGTCCTT
 GACTGTGAGGTCACTGGGGATCCCAACCAAAAATATTTTGGTGTGCTGCCTTCCAATGACATGATTTCT
 TCTCCATTGATAGGTACACATTTTCATGCCAATGGGTCTTGACCATCAACAAAGTGAACTGCTCGATTC
 TGGAGAGTACGTATGTGTAGCCGAAATCCAGTGGGGATGACACCAAAATGTACAACTGGATGTGGTC
 TCTAAACCTCCATTAAATCAATGGTCTGTATACAAACAGAACTGTTATTAAAGCCACAGCTGTGAGACATT
 CCAAAAAACACTTTGACTGCAGAGCTGAAGGGACACCATCTCCTGAAGTCATGTGGATCATGCCAGACAA
 TATTTTCTCAGACCCCATACTATGGAAGCAGAATCACAGTCCATAAAAATGGAACCTTGGAATTAGG
 AATGTGAGGCTTTGAGTTGAGCCGACTTTATCTGTGTGGCCGAAATGAAGGTGGAGAGAGCGTGTGG
 TAGTACAGTTAGAAGTACTGGAATGCTGAGAAGACCGACATTTAGAAATCCATTTAATGAAAAATAGT
 TGCCAGCTGGGAAAGTCCACAGCATTGAATTGCTCTGTTGATGGTAACCCACCACCTGAAATAATCTGG
 ATTTTACCAATGGCACACGATTTTCCAATGGACCACAAAGTTATCAGTATCTGATAGCAAGCAATGGTT
 CTATATTGAGAAATTAGTCATATTAGAAATTGGCCAGAAAGCCAGTTATTCTTACCTATGCACAGGGACA
 GTAAAAGGCATCAGTGGAGAATCTCTACTGCATTGTGTCTGATGGAATCCCTAAGCCAAATATCA
 AATGGACTATGCCAAGTGGTTATGTAGTAGACAGGCTCAAATTAATGGGAAATACATATTGCATGACAA
 TGGCACCTTAGTCATTAAGAAGCAACAGCTTATGACAGAGGAACTATATCTGTAAGGCTCAAAATAGT
 GTTGGTCATACACTGATTACTGTTCCAGTAATGATTGTAGCCTACCCTCCCGAATTACAAATCGTCCAC
 CCAGGAGTATTGTCACAGGACAGGGGAGCCTTTCAGCTCCACTGTGTGGCCTTGGGAGTTCCCAAGCC
 AGAAATCATATGGAGATGCCTGACCACTCCCTTCTCTCAACGGCAAGTAAAGAGAGGACACATGGAAGT
 GAGCAGCTTCACTTACAAGGTACCCTAGTCATTGAGAATCCCAACCTCCGATTCTGGGATATACAAAT
 GCACAGCAAAGAACCCTTGGTAGTGATTATGCAGCAACGTATATTCAAGTAATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGDDLILMHVSLRLKPAKIDHKQYFRKQVLHGKDFQVDCASGSPVPEISWSLPDGTMINNAMQADDSGH
 RTRRYTLFNNGLTYFNKVGVAEEGDYTCYAQNTLGKDEMKVHLTVITAAPRIRQSNKTNKRIKAGDTAVL
 DCEVTGDPKPKIFWLLPSNDMISFSIDRYTFHANGSLTINKVKLLDSGEYVCVARNPSGDDTKMYKLDV
 SKPPLINGLYTNRTVIKATAVRHKKHFDCAEGTPSPEVMWIMPDNIFLTAPYYGSRITVHKNGTLEIR
 NVRLSDSADFI VARNEGGSVLVVQLEVLEMLRRPTFRNPFNEKIVAQLGKSTALNCSVDGNPPPEIIW
 ILPNGTRFSNGPQSYQYLIASNGSFIISKTTREDAGKYRCAARNKVGYIEKL VILEIGQKPVILTYAPGT
 VKGISGESLSLHCYSDGIPKPNIKWTMPSGYVVD RPQINGKYILHDNGLTVIKEATAYDRGNYICKAQNS
 VGHTLITVPVMIVAYPPRITNRPPIVTRTGAAFQLHCVALGVKPEITWEMPDHSLSTASKERTHGS
 EQLHLQGT LVIQNPQTSDSGIYKCTAKNPLGSDYAATYIQVI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001178146
ORF Size:	1806 bp
Buffer:	PBS with 0.001% Pluronic F9690
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_001178146.1</u>
RefSeq ORF:	1809 bp
Locus ID:	285313
UniProt ID:	<u>Q6WRI0</u>
Cytogenetics:	3q25.1
MW:	67.2 kDa