

Product datasheet for **RC217877A1V**

Human DEF6 (NM_022047) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DEF6 (NM_022047) AAV Particle
Tag:	Myc-DDK
Symbol:	DEF6
Synonyms:	IBP; SLAT; SWAP70L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217877 representing NM_022047
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCTGCGCAAGGAACTGCTCAAGTCCATCTGGTACGCCTTTACCGCGCTGGACGTGGAGAAGAGTG
 GCAAAGTCTCCAAGTCCCAGCTCAAGGTGCTGTCCACAACCTGTACACGGTCTGCACATCCCCATGA
 CCCCCTGGCCCTGGAGGAACACTTCCGAGATGATGATGACGGCCCTGTGTCCAGCCAGGGATACATGCC
 TACCTCAACAAGTACATCCTGGACAAGGTGGAGGAGGGGCTTTTGTAAAGAGCACTTTGATGAGCTGT
 GCTGGACGCTGACGGCCAAGAAGAACTATCGGGCAGATAGCAACGGGAACAGTATGCTCTCCAATCAGGA
 TGCCTTCCGCCTCTGGTGCCTCTTCACTTCTGTCTGAGGACAAGTACCCTCTGATCATGGTTCCTGAT
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 AGCTTCTGGCCAGGAGGCCAGGTGGCCAGACCACCGGGGGCTCAGCGTCTGGCAGTTCTTGAGCT
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 GGGCATTATCCCGCTGGATGCACACTGCTGCGTGGAGGTGCTGCCAGACCGCGACGGAAGCGCTGCATG
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 CCGAGCGGCTGCTGCAGGAGGAGGAGAACGGCGCCGAGCCAGCAGCAGCGGAGCTGCAGCAGGCGCTCGA
 GGGCCAACCTGCGCGAGGCGGAGCAGGCCCGGGCTCCATGCAGGCTGAGATGGAGCTGAAGGAGGAGGAG
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 AAGGAAGAGCTGCAGCAGGAGATGGCACAGCAGAGCCGCTCCCTGCAGCAGGCCAGCAGCAGCTGGAGG
 AGGTGCGGCAGAACCGGCAGAGGGCTGACGAGGATGTGGAGGCTGCCAGAGAAAAGTGCGCCAGGCCAG
 CACCAACGTGAAACACTGGAATGTCCAGATGAACCGGCTGATGCATCCAATTGAGCCTGGAGATAAGCGT
 CCGTCAACAGCAGCTCCTTCTCAGGCTTCCAGCCCCCTCTGCTTGGCCACCGTGAATCCTCCCTAAAGC
 GCCTGACCCGCTGGGGATCCCAGGGCAACAGGACCCCTCGCCCAACAGCAATGAGCAGCAGAAGTCCCT
 CAATGGTGGGATGAGGCTCCTGCCCGGCTTCCACCCCTCAGGAAGATAAACTGGATCCAGCACCAGAA
 AAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217877 representing NM_022047 Red=Cloning site Green=Tags(s) MALRKELLKSIWYAFTALDVEKSGKVSQSKVLSHNL YTVLHIPHPVALEEHRDDDDGPVSSQGYMP YLNKYILDKVEEGAFVKEHFDELCWTL TAKKNYRADSNNGNSML SNQDAFRLWCLFNFL SEDKYPLIMVPD EVEYLLKKVLSSMSLEVSLGELEELLAQEAQVAQTGGLSVWQFLELFNSGRCLRGVGRDTLSMAIHEVY QELIQDVLKQGYLWKRGLRRNWAERWFLQPSCLCYFGSEECKEKRGIIPLDAHCCVEVLPDRDGKRCM FCVKTATRITYEMSASDTRQRQEWTAAIQMAIRLQAEGKTSLHKDLKQKRREQREQRERRRAAKEEELLRL QQLQEEKERKLQELELLQEAQRQAERLLQEEEEERRRSQHRELQQALEGQLREAEQARASMQAEMELKEEE AARQRRIKELEEMQQRLEALQLEVKARRDEESVRIAQTRLLEEEEEKLKQLMQLKEEQERYIERAQQE KEELQQEMAQQSRSLQQAQQLEEVQRNRQRADEDVEAAQRKLQASTNVKHNVMNRLMHP IEPGDKR PVTSSSFSGFPPLL AHRDSSLKRL TRWGSQGNRTSPNSNEQQKSLNGGDEAPAPASTPQEDKLDPAPE N TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022047
ORF Size:	1893 bp
Buffer:	PBS with 0.001% Pluronic F7757
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:	NM_022047.2 , NP_071330.2
RefSeq Size:	2320 bp
RefSeq ORF:	1896 bp
Locus ID:	50619
UniProt ID:	Q9H4E7
Cytogenetics:	6p21.31
MW:	73.7 kDa