

Product datasheet for **RC201113A1V**

Human Rapsyn (RPSN) (NM_032645) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Rapsyn
Synonyms:	CMS4C; CMS11; FADS; FADS2; RAPSYN; RNF205
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC201113 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGGGCAGGACCAGACCAAGAAGCAGATCGAGAAGGGGCTCCAGCTGTACCACTCCAACCAGACAGAGA
AGGCATTGCAGGTGTGGACAAAGGTGCTGGAGAAGAGCTCGGACCTCATGGGGCGCTTCCGCGTGTGGG
CTGCCTGGTCACAGCCCACTCGGAGATGGGCCGCTACAAGGAGATGCTGAAGTTCGCTGTGGTCCAGATC
GACACGGCCCGGGAGCTGGAGGATGCCGACTTCTCCTGGAGAGCTACCTGAACCTGGCAGCAGCAACG
AGAAGCTGTGCGAGTTTCAAGACCATCTCTACTGCAAGACCTGCCTGGGCTGCCTGGTACCAGGGC
AGGTGCCAGCTCGGAGGCCAGGTCAGCCTGAGCATGGGCAATGCCTTCTGGGCTCAGCGTCTTCCAG
AAGGCCCTGGAGAGCTTCGAGAAGGCCCTGCGCTATGCCCAACAATGATGACGCCATGCTCGAGTGCC
GCGTGTGCTGCAGCCTGGGCAGCTTCTATGCCAGGTCAAGGACTACGAGAAAGCCCTGTTCTTCCCTG
CAAGGCGGCAGAGCTTGTCAACAATATGGCAAAGGCTGGAGCCTGAAGTACCGGGCCATGAGCCAGTAC
CACATGGCCGTGGCCTATCGCCTGCTGGGCCGCTGGGCAGTGCCATGGAGTGTGTGAGGAGTCTATGA
AGATCGCGCTGCAGCACGGGGACCGCCACTGCAGGCGCTCTGCCTGCTGCTTCGCTGACATCCACCG
GAGCCGTGGGGACCTGGAGCTGAGCCAGCTCAAGCTGCACTGTCTGAGCGAGAGCATTTACCGCAGCAAA
GGGCTGCAGCGGGAACGCGGGCGCACGTTGTGAGGTTCCACGAGTGCGTGGAGGAGACGGAGCTCTACT
GCGGCTGTGCGCGAGTCCATAGGCGAGAAGAACAGCCGGCTGCAGGCCCTACCTTGCTCCACATCTT
CCACCTCAGGTGCTGCAGAACACGGGACCGGAGCTGTCCCACTGCCGCCGCTCATCCATGAAGCCT
GGCTTTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC201113 protein sequence Red=Cloning site Green=Tags(s) MGQDQTKKQIEKGLQLYQSNQTEKALQVWTKVLEKSSDLMGRFRVLGCLVTAHSEMGRYKEMLKFAVVQI DTARELEDADFLLESYLNLAARSNEKLCEFHKTISYCKTCLGLPGTRAGQLGGQVSLSMGNAFLGLSVFQ KALSFEEKALRYAHNDDAMLECRVCCSLGSFYAQVKDYEKALFFPCKAAELVNNYGKGWSLKYRAMSQY HMAVAYRLLGRLGSAMECCESMKIALQHGRPLQALCLLCFADIHRSGDLELSQLKLHCLSESIYRSK GLQRELRAHVVRFHECVEETELYCGLCGESIGEKNSRLQALPCSHIFHLRCLQNNGTRSCPNCRRSSMKP GFV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032645
ORF Size:	1059 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_032645.3</u>
RefSeq Size:	1494 bp
RefSeq ORF:	1062 bp
Locus ID:	5913
UniProt ID:	<u>Q13702</u>
Cytogenetics:	11p11.2
MW:	39.9 kDa