

Product datasheet for **RC202322A1V**

Human eIF2B epsilon (EIF2B5) (NM_003907) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human eIF2B epsilon (EIF2B5) (NM_003907) AAV Particle
Tag:	Myc-DDK
Symbol:	EIF2B5
Synonyms:	CACH; CLE; EIF-2B; EIF2Bepsilon; LVWM
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202322 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

ATGTCGGCCCTGTAGTGGCGCCGCTGGTGTGGTGTTAGTCGGGCTAACAAAGCAGACGGCGCGGGG
CGGGAGGCAGCGGTGGCGGGGAGGCCAGAGGGGCGGAGGAGGAACCGCCGCCCTACAAGCATTTCT
GGTGGCCGATAGCTTCGATCGCCGCTTCTTCCCATCTCCAAGGACCAGCCTCGGGTCCTCTTGCCCTG
GCCAATGTGGCATTAAATTGACTACACTCTGGAATTCCTGACTGCCACAGGTGTACAGGAAACATTTGTCT
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CCTATAACGTAAGTCTAAAGGAGGTGATGCAGGTACTGAGCCACGTGGTCTGGAGTTCCCTGCAACA
GATGGATTCCCGCTTGACTCAAGCCGCTACTGTGCCCTGCTGCTTCTCTCAAGCTAAAGCCCTGGAGCCCT
GTTTTTAGGAATACATAAAGCGCGACGCCACCATTTGGAAGCGTTAGCAGCCATTGAGGACTCTTCC
TAGAGCATGAAGCTCTTGGTATTTCCATGGCCAAGGTACTGATGGCTTTCTACCAGCTGGAGATCTTGGC
TGAGGAAACAATTTCTGAGCTGTTTCAGCCAAAGAGATACAACGTACAAGGGCCAGCAGTTGCGCAAGAAT
CAACAGCTGCAGAGGTTTCATCCAGTGGCTAAAAGAGGCAGAAGAGGAGTCATCTGAAGATGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC202322 protein sequence Red=Cloning site Green=Tags(s) MAAPVVAPPGVVVSRANKRSGAGPGSGGGGARGAEEEEPPPLQAVLVADSFDRRFFPISKDQPRVLLPL ANVALIDYTLLEFLTATGVQETVFCCWKAQIKEHLLKSKWCRTSLNVVRIITSELYRSLGDVLRDVA KALVRSDFLVYGDVISNINITRALEEHRLRRKLEKNVSVMTMIFKESSPSHPTRCHEDNVVAVDSTTN RVLHFQKTQGLRRFAFPLSLFQGSSDGEVRYDLLDCHISICSPQVAQLFTDNFDYQTRDDFVRGLLVNE EILGNQIHMHVTAKEYGARVSNLHMYSACADVIRRWVYPLTPEANFTDSTTQSCTHSRHNIYRGPEVSL GHGSILEENVLLGSGTVIGSNCFITNSVIGPGCHIGDNVVDQTYLWQGVRAAGAQIHQSLLCDNAEVK ERVTLKPRSVLTSQVVVGPNIITLPEGSVISLHPPDAEEDEDDGEFSDDSGADQEKDKVKMGYNPAEVGA AGKGYLWKAAGNMEEEEELQQNLWGLKINMEESESESEQSMDEEPDSRGGSPQMDDIKVFQNEVLGT LQRGKEENISCDNLVLEINSLKYAYNVSLKEVMQVLSHVLEFPLQQMDSPLDSSRYCALLLPLLKAWSP VFRNYIKRAADHLEALAAIEDFFLEHEALGISMAKVLMAFYQLEILAEETILSWFSQRDTTDKGQQLRKN QQLQRFIQWLKEAEEESDEDD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003907
ORF Size:	2163 bp
Buffer:	PBS with 0.001% Pluronic F5319
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_003907.2</u> , <u>NP_003898.1</u>
RefSeq Size:	2898 bp
RefSeq ORF:	2166 bp
Locus ID:	8893
UniProt ID:	<u>Q13144</u>
Cytogenetics:	3q27.1
MW:	80.4 kDa