

Product datasheet for **RC208207A1V**

Human Syntaxin 2 (STX2) (NM_001980) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Syntaxin 2 (STX2) (NM_001980) AAV Particle
Tag:	Myc-DDK
Symbol:	Syntaxin 2
Synonyms:	EPIM; EPM; STX2A; STX2B; STX2C
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC208207 representing NM_001980 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCGGGACCGGCTGCCAGACCTGACGGCGGTAGGAAGAATGATGATGGAGACACAGTTGTTGTGGTTG
AGAAAGATCATTTTCATGGATGATTTCTTCCATCAGGTGGAGGAGATTAGAAACAGTATTGATAAAATAAC
TCAATATGTTGAAGAAGTAAAGAAAAACACAGCATCATTCTTCTGCACCAAAACCGGAAGGAAAAATA
AAAGAAGAGCTTGAAGATCTGAACAAAGAAATCAAGAAACTGCGAATAAAATTCGAGCCAAGTTAAAGG
CTATTGAACAAAGTTTGTATCAGGATGAGAGTGGGAACCGGACTTCAGTGGATCTTCGGATACGAAGAAC
CCAGCATTTCGGTGTCTCGGAAGTTTGTGGAAGCCATGGCGGAGTACAATGAGGCACAGACTCTGTTT
CGGGAGCGGAGCAAAGGCCGCATCCAGCGCCAGCTGGAGATAACTGGGAGAACCACACAGACGACGAGC
TAGAAGAGATGCTGGAGAGCGGGAAGCCATCCATCTTCACTTCCGACATTATATCAGATTACAAATTAC
TAGACAAGCTCTCAATGAAATCGAGTCACGTACAAGGACATCATGAAGCTGGAGACCAGCATCCGAGAG
TTGCATGAGATGTTTCATGGACATGGCTATGTTTGTGGAGACTCAGGGTGAAATGATCAACAACATAGAAA
GAAATGTTATGAATGCCACAGACTATGTAGAACACGCTAAAGAAGAAACAAAAAAGCTATCAAATATCA
GAGCAAGGCAAGAAGGAAATTGATGTTTATTATTTGTGTAATTGTTTGTGTTGATCCTTGAATT
ATCCTAGCAACAACATTGTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC208207 representing NM_001980 Red=Cloning site Green=Tags(s) MRDRLPDLTACRKNDDGDTVVVVEKDHFMDDFFHQVEEIRNSIDKITQYVEEVKKNHSIILSAPNPEGKI KEELEDLNKEIKKTANKIRAKLKAIEQSFQDESGNRTSVDLRIRRTQHSVLSRKFEVMAEYNEAQTFL RERSKGRIQRQLEITGRITTTDDELEEMLESGKPSIFTSDIISDSQITRQALNEIESRHKDIMKLETSIRE LHEMFMDAMFVETQGEMINNIERNVMNATDYVEHAKEETKKAICYQSKARRKLMFIIICVIVLLVILGI ILATTLS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001980
ORF Size:	861 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_001980.2</u>
RefSeq Size:	3343 bp
RefSeq ORF:	864 bp
Locus ID:	2054
UniProt ID:	<u>P32856</u>
Cytogenetics:	12q24.33
MW:	33.2 kDa