

Product datasheet for **RC222140A1V**

Human Tapasin (TAPBP) (NM_172209) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Tapasin (TAPBP) (NM_172209) AAV Particle
Tag:	Myc-DDK
Symbol:	Tapasin
Synonyms:	NGS17; TAPA; TPN; TPSN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222140 representing NM_172209
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGTCCCTGTCTCTGCTCCTCGCTGTGGCTTTGGCCCTGGCGACCGCGTCTCAGCAGGACCCGCGG
 TGATCGAGTGTGGTTCTGTGGAGGATGCGAGCGGAAAGGCCTGGCCAAGAGACCGGTGCACTGCTGTT
 GCGCCAGGACCGGGGAACCGCCGCCCGGGACCTCGACCCTGAGCTCTATCTCAGTGTACACGAC
 CCCGCGGGCGCCCTCCAGGCTGCCTTCAGGCGGTATCCCCGGGGCGCCCCGACCACACTGCGAGATGA
 GCCGCTTCGTGCCTCTCCCCGCCTCTGCGAAATGGGCCAGCGGCCTGACCCCCGCGCAGAAGTCCCCGCG
 GGCCCTGGATGGGGCTTGGTGATGGTCAGCATATCCAGCCCAGTCTCAGCCTCTCCAGCCTCTTGCGA
 CCACAGCCAGAGCCTCAGCAGGAGCCTGTTCTCATCACCATGGCAACAGTGGTACTGACTGTCTCACCC
 ACACCCCTGCCCTCGAGTGGAGACTGGACAAGATGCTCTGCTGGACTTGAGCTTTGCCATACGCCCC
 CACCTCCGAGGCCGCTCATCTCTGGCTCCGGTCCCCCTCCCTTTGGGCTAGAGTGGCGACGCCAGCAC
 CTGGGTAAAGGACATCTGCTCCTGGCTGCAACTCCTGGGCTGAATGGCCAGATGCCAGCAGCCCAAGAAG
 GGGCCGTGGCATTGCTGCTTGGGATGATGATGAGCCATGGGGCCATGGACCGAAATGGGACCTTCTG
 GCTGCCTAGAGTTCAACCTTTTCAGGAGGGCACCTATCTGGCCACCATACACCTGCCATACCTGCAAGGA
 CAGGTCACCCCTGGAGCTTGTGTGTACAAACCCCAAGTGTCCCTGATGCCAGCAACCTTGCACGGG
 CCGCCCCAGGGGAGGCACCCCGGAATTGCTCTGCCTTGTGTCCACTTCTACCTTCTGGGGCCTGGA
 GGTGGAGTGGGAACTCCGGGTGGCCAGGGGGCCGCTCTCAGAAGGCCGAGGGGCGAGGTTGGCTCTCG
 GCCCTGCGCCACCATCCGATGGCTCTGTGAGCCTCTCTGGGCACTTGCAGCCGCCCCAGTCAACCTG
 AGCAGCATGGGGCAGCCTATGCCTGTGCAATTCACCATCCAGCCTGCCTGCCTCGGGGCGCAGCGCTGA
 GGTACCCCTGGAGGTAGCAGGCTTTTCAGGGCCCTCCCTTGAGGACAGCGTAGGCCTTTTCTGTCTGCC
 TTTCTTCTGCTTGGGCTCTCAAGGCACTGGGCTGGGCTGCTGTCTACCTGTCCACCTGCAAGGATTCAA
 AGAAGAAAGCAGAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC222140 representing NM_172209
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MKSLSLLLAVALGLATAVSAGPAVIECFVEDASGKGLAKRPGALLLRQGPPEPPRPDLPELYLSVHD
 PAGALQAAFRRYPRGAPAPHCEMSRFVPLPASAKWASGLTPAQNCPRALDGAWLMVSISSPVLSSLLR
 PQPEPQEPVLIITMATVVLTVLTHTPAPRVRLGQDALLDL SFAYMPPTSEAASSLAPGPPPFLEWRRQH
 LGKGHLLLAATPGLNGQMPAAQEGAVAF AAWDDDEPWGPWTGNGTFWLPRVQPFQEGTYLATIHLPLYLQ
 QVTLELAVYKPPKVS LMPATLARAAPGEAPPELLCLVSHFYPSGGLEVEWELRGGPGRSQAEGQRWLS
 ALRHSDGSVSLSGHLQPPPVTTEQH GARYACRIHHPSLPASGRSAEVTLEVAGLSGPSLEDSVGLFLSA
 FLLLGLFKALGWAAVYLSTCKDSKKKAE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_172209

ORF Size:

443 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_172209.1</u>
RefSeq Size:	1410 bp
RefSeq ORF:	1086 bp
Locus ID:	6892
UniProt ID:	<u>O15533</u>
Cytogenetics:	6p21.32
MW:	36.3 kDa