

Product datasheet for **RC201554A1V**

Human Ribophorin I (RPN1) (NM_002950) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Ribophorin I (RPN1) (NM_002950) AAV Particle
Tag:	Myc-DDK
Symbol:	RPN1
Synonyms:	OST1; RBPH1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201554 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGGCGCCAGCCCGCGGCTTGTCTGCTCCTGTTGCTTGGGACTTGGGCCCCGGCGCCGGGCAGCG
 CCTCCTCCGAGGCACCGCGCTGATCAATGAGGACGTGAAGCGCACAGTGGACCTAAGCAGCCACCTGGC
 TAAGGTGACGGCCGAGGTGGTCTGGCGCACCTGGGCGCGGCTCCACGTCCCGAGCTACCTCTTTCCTG
 CTGGCTTTGGAGCCTGAGCTCGAGGCCCGGCTGGCGCACCTGGGCGTGCAGGTAAAGGGAGAAGATGAGG
 AAGAGAACAATTTGGAAGTACGTGAAACCAAAATTAAGGGTAAAAGTGGGAGATTCTTCACAGTCAAGCT
 CCCAGTTGCTCTTGATCCTGGGGCCAAGATTTCACTGATTGTGGAACAGTCTACACCCATGTGCTTCAT
 CCATATCCAACCCAGATACCCAGTCAGAGAAACAGTTTGTGGTGTGGAGGGGAACCATTTTCTACT
 CTCCCTATCCAACGAAGACACAAACCATGCGTGTGAAGCTTGCCTCTCGAAATGTGGAGAGCTACACCA
 GCTGGGAACCCACGCGCTCTGAGGACCTACTGGATTATGGGCTTTTCAAGATGTGCTGCTATAGT
 CAGGATACTTTTAAAGTACATTATGAGAACAACAGCCCTTTCCTGACCATCACCAGCATGACCCGAGTCA
 TTGAAGTCTCTCACTGGGTAATATTGCTGTGGAAGAAAATGTGGAATTAAGACACAGGAGCTGTGCT
 TAAGGGGCTTTCTCACGCTATGATTACAGAGACAGCCAGATAGTGAATATCTCCATCCGTTCTTTT
 AAGACCATCCTTCCTGCTGCTGCCAGGATGTTTATTACCGGGATGAGATTGGCAATGTTTCTACAGCC
 ACCTCCTTATTTTGGATGACTCTGTAGAGATGGAATCCGGCCTCGCTTCCCTCTCTTTGGCGGGTGAA
 GACCCATTACATCGTTGGCTACAACCTCCCAAGCTATGAGTACCTCTATAATTTGGGTGACCAAGTATGCA
 CTGAAGATGAGTTTGTGGACCATGTGTTGATGAACAAGTATAGATTCTCTGACTGTGAAGATCATCC
 TGCTGAAGGAGCCAAGAATTGAAATGATAGTCCCTATGAAATCAGCCGTGCCCCAGATGAGCTGCA
 CTACACCTATCTGGATACATTTGGCCGCGCTGTGATTGTTGCCTACAAGAAAAATCTGGTAGAACAGCAC
 ATTCAGGACATTGTGGTCCACTACACGTTCAACAAGGTGCTCATGCTGCAGGAGCCCCTGCTGGTGGTGG
 CGGCCTTCTACATCCTGTTCTTACCCTTATCATCTATGTTTGGCTGGACTTCTCCATCACCAGGATCC
 AGCCGCGAAGCCAGGATGAAGGTAGCCTGCATCACAGAGCAGGTCTTGACCCTGGTCAACAAGAGAATA
 GGCCTTTACCGTCACTTTGACGAGACCGTCAATAGGTACAAGCAATCCCGGGACATCTCCACCCTCAACA
 GTGGCAAGAAGAGCCTGGAGACTGAACACAAGGCTTGACCAGTGAAGTGCAGTGTGCTGCTGAGTCCAGGCT
 GAAGACAGAGGGCTCTGATCTGTGCGACAGAGTGAAGCAATGCAGAAGCTGGATGCACAGTCAAGGAG
 CTGGTGTGAAGTCGGCGGTGGAGGCTGAGCGCCTGGTGGCTGGCAAGCTCAAGAAAGACACGTACATTG
 AGAATGAGAAGCTCATCTCAGGAAAGCGCCAGGAGCTGGTCACCAAGATCGACCACATCCTGGATGCCCT
 G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201554 protein sequence
 Red=Cloning site Green=Tags(s)

MEAPAAGLFLLLLGTWAPAGSASSEAPPLINEDVKRTVDLSSHLAKVTAEVVLAHLGGGSTSRATSFL
 LALEPELEARLAHLGVQVKGEDEEENLEVRETKIKGKSGRFFTVKLPVALDPGAKISVIVETVYTHVLH
 PYPTQITQSEKQFVVFEGNHFYSPYPTKTQTMRVKLASRNVESYTKLGNPTRSEDLIDYGFPRDVPAYS
 QDTFKVHYENNSPFLTITSMTRVIEVSHWGNIAVEENVLDKHTGAVLKGPFSTRDYQRPDPSGSISSIRSF
 KTILPAAAQDVYRDEIGNVSTSHLLILDDSVEMEIRPRFPLFGGWKTHYIVGYNLPSYEYLYNLGDQYA
 LKMRFDVHFDEQVIDSLTVKIILPEGAKNIEIDSPYEISRAPDELHYTYLDTFGRPVIVAYKKNLVEQH
 IQDIVVHYTFNKVLMLEPLLVAIFYLFFTVIYVRLDFSIKDPAAEARMKVACITEQVLTLYNKR
 GLYRHFDETGNRYKQSRDITLNSGKKSLETEHKALTSEIALLQSRKTEGSDLCRDVSEMQLDAQVKE
 LVLKSAVEAERLVAGLKKDITYIENEKLSGKRQELVTIKIDHILDAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_002950
ORF Size:	1821 bp
Buffer:	PBS with 0.001% Pluronic F5202
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_002950.3</u>
RefSeq Size:	2372 bp
RefSeq ORF:	1824 bp
Locus ID:	6184
UniProt ID:	<u>P04843</u>
Cytogenetics:	3q21.3
MW:	68.6 kDa