

Product datasheet for **RC227545A1V**

Human IMPA1 (NM_001144878) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IMPA1 (NM_001144878) AAV Particle
Tag:	Myc-DDK
Symbol:	IMPA1
Synonyms:	IMP; IMPA; MRT59
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC227545 representing NM_001144878 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGCAGCGCCAGGTCTGTGCTGCCCGCAGTCGCGGTGCTGGGACAGGTGGCAAAAAGGAAGGTGG
CCTGGCTCCTACGCTGGAAGGCTGTGACCAGGACAGAAACAGCAGGAAACAGTTCAGGTGTTATGGCTT
TGGGAAAATGAAAATATTTGTCAAATATTTTCAGAAGATGGCTGATCCTTGGCAGGAATGCATGGATTAT
GCAGTAACTTAGCAAGACAAGCTGGAGAGGTAGTTTGTGAAGCTATAAAAAATGAAATGAATGTTATGC
TGAAAAGTTCTCCAGTTGATTTGGTAACTGCTACGGACCAAAAAGTTGAAAAAATGCTTATCTCTCCAT
AAAGGAAAAGTATCCATCTCACAGTTTCATTGGTGAAGAATCTGTGGCAGCTGGGGAAAAAAGTATCTTA
ACCGACAACCCACATGGATCATTGACCCTATTGATGGAACAACAACTTTGTACATAGATTTCTTTTTG
TAGCTGTTTCAATTGGCTTTGCTGTAATAAAAAGATAGAATTTGGAGTTGTGTACAGTTGTGTGGAAGG
CAAGATGTACACTGCCAGAAAAGGAAAAGGTGCCTTTTGTAAATGGTCAAAAACACAAGTTTCACAACAA
GAAGATATTACCAATCTCTCTTGGTACTGAGTTGGGCTCTCCAGAACACCAGAGACTGTGAGAATGG
TTCTTTCTAATATGAAAAGCTTTTTTGCATTCCTGTTTCATGGGATCCGGAGTGTGGAACAGCAGCTGT
TAATATGTGCCTTGTGGCAACTGGCGGAGCAGATGCATATTATGAAATGGGAATTCAGTCTGGGATGTT
GCAGGAGCTGGCATTATTGTTACTGAAGCTGGTGGCGTGCTAATGGATGTTACAGGTGGACCATTTGATT
TGATGTACGAAGAGTAATTGCTGCAAATAATAGAATATTAGCAGAAAGGATAGCTAAAGAAATTCAGGT
TATACCTTTGCAACGAGACGACGAAGAT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC227545 representing NM_001144878 Red=Cloning site Green=Tags(s) MGQRPGPVLPAVAVLGQVAKRKVAVLLRWKAVTRTETAGNSSGVYGFQKMKIFVKYFQKMADPWQECMDY AVTLARQAGEVCEAIKNEMNVMLKSSPVDLVTADQKVEKMLISSIKEKYP SHSFIGEESVAAGEKSIL TDNPTWIIDPIDGTTNFVHRFPFVAVSIGFAVNKKIEFGVVYSCVEGKMYTARKGKGAF CNGQKLQVSQQ EDITKSLLVTELGSSRTPETVRMVL SNMEKLF CIPVHGIRSVGTAAVN MCLVATGGADAYYEMGIHCWDV AGAGIIVTEAGGVLMDVTGGPFDLMSRRVIAANNRILAERIAKEIQVIPLQRDDED TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001144878
ORF Size:	1008 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_001144878.1</u> , <u>NP_001138350.1</u>
RefSeq ORF:	1011 bp
Locus ID:	3612
UniProt ID:	<u>P29218</u>
Cytogenetics:	8q21.13
MW:	36.5 kDa