

Product datasheet for **RC209466A1V**

Human CD26 (DPP4) (NM_001935) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD26 (DPP4) (NM_001935) AAV Particle
Tag:	Myc-DDK
Symbol:	DPP4
Synonyms:	ADABP; ADCP2; CD26; DPPIV; TP103
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC209466 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGAAGACACCGTGAAGGTTCTTCTGGGACTGCTGGGTGCTGCTGCGCTTGTCACCATCATCACCGTGC
CCGTGGTTCTGCTGAACAAAGGCACAGATGATGCTACAGCTGACAGTCGCAAACTTACACTCTAACTGA
TTACTTAAAAAATACTTATAGACTGAAGTTATACTCCTTAAGATGGATTTCAGATCATGAATATCTCTAC
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CATTTGATGAGTTGGACATTCTATCAATGATTATTCAATATCTCCTGATGGGCAGTTTTATTCTCTTAGA
ATACAACACGTGAAGCAATGGAGGCATTCTACACAGCTTCATATGACATTTATGATTTAAATAAAAGG
CAGCTGATTACAGAAGAGAGGATTCCAAACAACACACAGTGGGTACATGGTCACCAAGTGGGTCATAAAT
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GACGGGAAAGAAGATATAATATATAATGGAATAACTGACTGGGTTTATGAAGAGGAAGTCTTCAGTGCC
TACTCTGCTCTGTGGTGTCTCCAAACGGCACTTTTTTAGCATATGCCCAATTTAACGACACAGAAGTCC
CACTTATTGAATACTCCTTCTACTCTGATGAGTCACTGCAGTACCCAAAGACTGTACGGGTTCCATATCC
AAAGGCAGGAGCTGTGAATCCAACGTAAAGTTCTTTGTTGTAATACAGACTCTCTCAGCTCAGTCACC
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CATGGGCAACACAAGAAAGATTTCTTTCAGTGGCTCAGGAGGATTCAGAACTATTCGGTCATGGATAT
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TCATCAGCAATGAAGAAGGTTACAGACACATTTGCTATTTCCAAATAGATAAAAAAGACTGCACATTTAT
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CAAGAAATATCCTCTACTATTAGATGTGTATGCAGGCCATGTAGTCAAAAAGCAGACACTGTCTTCAGA
CTGAACTGGGCCACTTACCTTGCAAGCACAGAAAACATTATAGTAGCTAGCTTTGATGGCAGAGGAAGTG
GTTACCAAGGAGATAAGATCATGCATGCAATCAACAGAAGACTGGGAACATTTGAAGTTGAAGATCAAAT
TGAAGCAGCCAGACAATTTTCAAAAATGGGATTTGTGGACAACAACGAATTGCAATTTGGGGCTGGTCA
TATGGAGGGTACGTAACCTCAATGGTCTCGGGATCGGGAAGTGGCGTGTCAAGTGTGGAATAGCCGTGG
CGCCTGTATCCCGTGGGAGTACTATGACTCAGTGTACACAGAACGTTACATGGGTCTCCCAACTCCAGA
AGACAACCTTGACCATTACAGAAATCAACAGTCATGAGCAGAGCTGAAAATTTTAAACAAGTTGAGTAC
CTCCTTATTCATGGAACAGCAGATGATAACGTTCACTTTCAGCAGTCAGCTCAGATCTCCAAAGCCCTGG
TCGATGTTGGAGTGGATTTCCAGGCAATGTGGTATACTGATGAAGACCATGGAATAGCTAGCAGCACAGC
ACACCAACATATATATACCCACATGAGCCACTTCATAAAACAATGTTTCTCTTTACCT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209466 protein sequence Red=Cloning site Green=Tags(s) MKTPWKVLLGLLGAAALVTIITVPVLLNKGTDATADSRKTYTLTDYLNKTYRLKLYSLRWISDHEYLY KQENNILVFNAEYGNSSVFLNSTFDEFGHSINDYSISPDGQFILLEYNVYKQWRHSYTASYDIYDLNKR QLITEERIPNNTQWVTWSPVGHKLAYVWNNDIYVKIEPNLPSYRITWTGKEDIIYNGITDWYEEVFSA YSALWWSPNGTFLAYAQFNDTEVPLIEYSFYSDSLQYPKTVRPYPKAGAVNPTVKFFVNTDSLSSVT NATSIQITAPASMLIGDHYLCDVTWATQERISLQWLRRIQNYSVMDICDYDESSGRWNCLVARQHIEMST TGWVGRFRPSEPHFTLDGNSFYKIIISNEEGYRHICYFQIDKKDCTFITKGTWEVIGIEALTSDYLYYISN EYKGMPPGGRNLYKIQLSDYTKVTCLSCELNPERCQYYSVSFSKEAKYYQLRCSGPGLPLYTLHSSVNDKG LRVLEDNSALDKMLQNVQMPSKKLDFIILNETKFWYQMILPPHFDKSKKYPLLLDVYAGPCSQKADTVFR LNWATYLASTENIIVASFDGRGSGYQGDKIMHAINRRLGTFEVEDQIEAARQFSKMGFVDNKRKIAIWGWS YGGYVTSMLVSGSGVFKCGIAVAPVSRWEYYDSVYTERYMGLPTPEDNLDHYRNSTVMSRAENFKQVEY LLIHGTADDNVHFQSSAQISKALVDVGVDQAMWYTDEDHGIASSTAHQHIYTHMSHFQKQCFSLP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001935
ORF Size:	2298 bp
Buffer:	PBS with 0.001% Pluronic F6438
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_001935.3</u>
RefSeq Size:	3913 bp
RefSeq ORF:	2301 bp
Locus ID:	1803
UniProt ID:	<u>P27487</u>
Cytogenetics:	2q24.2
MW:	88.3 kDa