

Product datasheet for **RC227579A1V**

Human FASTKD2 (NM_001136194) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FASTKD2 (NM_001136194) AAV Particle
Tag:	Myc-DDK
Symbol:	FASTKD2
Synonyms:	COXPD44; KIAA0971
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC227579 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGACAACTTTGAAGCCATTTGGAAGTGTTTCAGTGGAGAGCAAAATGAATAACAAAGCGGGCTCCT
 TTTTCTGGAACCTTAGACAATTCAGTACATTAGTTTCAACAAGCAGAAGCTATGAGGCTATGTTGTTGGG
 ACTTTGCAAAACAAAAATAGTTCATTCAAACCTGGAACATTTTAAATAACTTTCATAACAGAATGCAATCA
 ACTGATATCATTAGATATCTCTTTCAGGATGCATTATTTTAAATCAGATGTTGGCTTTCAAACAAAGG
 GCATAAGCACTCTAACAGCCCTTAGAATTGAAAGACTACTTTATGCTAAAAGACTGTTTTTGAAGCTCAA
 GCAGTCTCTTGCCCTGTTGATAAATCTGATGATGAATTGAAGAAAGTAAACCTTAATCATGAAGTCTCC
 AATGAAGATGTTCTTACCAAGGAAACAAAAACCAACCGTATCAGCAGTAGAAAAGTGTCTGAGGAATGTA
 ATTCCTGAGTGTGTTAGATGCATTTTCAAAAGCGCCACATTTCTAGTAGCAACTATTTTACAGC
 AATGTGGACAATTGCCAAAAGACTGTCTGATGACCAGAAGCGCTTTGAAAACGACTGATGTTTGAAGCAC
 CCTGCATTTAATCAGCTCTGTGAACATATGATGAGAGAAGCCAAGATCATGCAGTATAAGTACCTACTGT
 TCAGTCTTCACGCCATAGTGAAGCTTGAATCCCTCAGAACACTATTTTGGTGCAGACTTTGCTGAGGGT
 GACCCAGGAACGTATCAATGAGTGTGATGAGATATGCCTTTCAGTTTTGTCAACTGTTTTAGAGGCAATG
 GAACCATGCAAGAATGTTTATGTTCTACGAACGGGATTGAGAATACTAGTTGATCAGCAAGTTTGGAAAA
 TAGAAGATGTCTTACATTACAAGTGTGATGAAGTGTATTGGAAAAGATGCACCGATTGCTCTTAAGAG
 GAACTGGAGATGAAAGCCTTGAGGGAATTAGACAGATTTTCTGTTTTGAATAGCCAACACATGTTTGAA
 GTACTAGCTGCCATGAATCACCAGTCTCTTATACTCCTGGATGAATGCAGTAAGGTGGTCTAGATAATA
 TCCATGGGTGTCCTTTAAGAATAATGATCAACATATTGCAGTCCTGCAAGACCTCCAGTACCATAATTT
 GGATCTCTTCAAGGGACTTGCAGATTATGTGGCTGCAACTTTTCGACATCTGGAAGTTTCAGAAAAGTTCTT
 TTTATCTCATTTTATTTGAAAACCTTGCTTTTCGACCTGTTGGTTTAAATGGACCTGTTTATGAAGAGAA
 TAGTAGAGGATCCTGAATCCCTAAACATGAAAAACATTCTATCTATTCTTCACTTACTCTTCTCTCAA
 TCATGTCTACAAATGCCAGAACAAAGAACAGTTCGTGGAAGTTATGGCTAGTGCTCTGACTGGTTATCTT
 CACACTATTTCTTCTGAAAACCTTATTGGATGCAGTATATTCATTTTCTTGTGATGAATTACTTTCCCTGG
 CTCCTTTTAAATCAGCTTCTGAAAAAGACATCATCAGTGAAGTGTGACATCAGATGACATGAAGAATGC
 TTACAAGCTGCATACTTTGGATACTTGTCTAAACTTGTGATGACTGTCTATCTGAGGGACATAGCCTTG
 TCACTCCACAGCTGCCGCGGGAGCTGCCATCGTCACATACAAATGCAAAGGTGGCAGAGGTGCTGAGCA
 GCCTTCTGGGAGGTGAAGGACACTTCTCAAAGGATGTGCACTTGCCACACAATTATCATATTGATTTTGA
 AATCAGAATGGACACTAACAGGAATCAAGTGTACCACTTTCTGATGTGGATACAACCTTCTGCTACAGAT
 ATTCAAAGAGTAGCTGTGCTATGTGTTTCCAGATCTGCTTATTGTTTGGGTTCAAGCCACCCAGAGGAT
 TCCTTGCTATGAAAATGCGGCATTTGAATGCAATGGGTTTTTATGTGATCTTGGTCAATAACTGGGAGAT
 GGACAACTAGAGATGGAAGATGCAGTCACATTTTGAAGACTAAAATCTATTCAGTAGAAGCTCTTCTCT
 GTTGCTGCTGTAATGTGCAAGCACACAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC227579 protein sequence Red=Cloning site Green=Tags(s) MLTTLKPFGSVSVESKMNNKAGSFFWNLRQFSTLVSTSRMRLCCLGLCKPKIVHSNWNILNNFHNRMQS TDIIRYLFQDAFIFKSDVGFQTKGISTLTALRIERLLYAKRFFDSKQSLVPVDKSDDELKKVNLNHEVS NEDVLTKETKPNRISSRKLSEECNSLSDVLDAFSKAPTFPSSNYFTAMWTIAKRLSDDQKRFEKRLMFSH PAFNQLCEHMMREAKIMQYKYLFLSLHAIVKLGIPQNTILVQTLLRVTQERINECDEICLSVLSTVLEAM EPCKNVHVLRTGFRILVDQQVWKIEDVFTLQVVMKCIGKDAPIALKRKLEMKALRELD RFSVLNSQHMFE VLAAMNHRSLILLDECSKVVL DNIHGCLPRIMINILQSCCKDLQYHNLDL FKGLADYVAATFDIWKFRKVL FILILFENLGRFPVGLMDLFMKRIVEDPESLNMKNILSILHTYSSLNHVYKCQNKEQFVEVMASALTGYL HTISSENLLDAVYSFCLMNYFPLAPFNQLLQKDIISELLTSDDMKNAYKLHTLDTCLKLDDTVYLRDIAL SLPQLPRELPSSHTNAKVAEVLSSLLGGEGHFSKDVHLPNHYHIDFEIRMDTNRNQVLPLSDVDTTSATD IQRVAVLCVSR SAYCLGSSHPRGFLAMKMRHLNAMGFHVILVNNWEMDKLEMEDAVTFLKTKIYSVEALP VAAVNVQSTQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001136194
ORF Size:	2130 bp
Buffer:	PBS with 0.001% Pluronic F9324
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_001136194.1, NP_001129666.1</u>
RefSeq Size:	6945 bp
RefSeq ORF:	2133 bp
Locus ID:	22868
UniProt ID:	<u>Q9NYY8</u>
Cytogenetics:	2q33.3
MW:	81.5 kDa