

Product datasheet for **RC600006A1V**

Human ErbB 3 (ERBB3) (NM_001982) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ErbB 3 (ERBB3) (NM_001982) AAV Particle
Tag:	Myc-DDK
Symbol:	ERBB3
Synonyms:	c-erbB-3; c-erbB3; ErbB-3; erbB3-S; FERLK; HER3; LCCS2; MDA-BF-1; p45-sErbB3; p85-sErbB3; p180-ErbB3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC600006 representing leader sequence plus the extracellular domain region of NM_001982

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

GTAATACGACTCACTATAGGGCGGCCGCGAATTCGTCGACTGGATCTGGTACCGAGGAGATCCGCCGCCG
CGATCGCC

ATGAGGGCGAACGACGCTCTGCAGGTGCTGGGCTTGCTTTTCAGCCTGGCCCGGGCTCCGAGGTGGGCA
ACTCTCAGGCAGTGTGTCTGGGACTCTGAATGGCCTGAGTGTGACCGGCGATGCTGAGAACCAATACCA
GACACTGTACAAGCTCTACGAGAGGTGTGAGGTGGTGTGAGGGAACCTTGAGATTGTGCTCACGGGACAC
AATGCCGACCTCTCCTTCTGCAGTGGATTCGAGAAGTGACAGGCTATGTCTCGTGGCCATGAATGAAT
TCTCTACTCTACCATTGCCAACCTCCGCGTGGTGCAGGGACCCAGGCTACGATGGGAAGTTTGCCAT
CTTCGTCATGTTGAATAACACCAACTCCAGCCACGCTCTGCGCCAGCTCCGCTTGACTCAGCTCACC
GAGATTCTGTCAGGGGGTGTATATTGAGAAGAACGATAAGCTTTGTACATGGACACAATTGACTGGA
GGGACATCGTGAGGGACCGAGATGCTGAGATAGTGGTGAAGGACAATGGCAGAAGCTGTCCCCCTGTCA
TGAGGTTTGCAAGGGGCGATGCTGGGGTCTGGATCAGAAGACTGCCAGACATTGACCAAGACCATTCTGT
GCTCCTCAGTGAATGGTCACTGCTTTGGGCCCAACCCCAACCAAGTGTGCCATGATGAGTGTGCCGGGG
GCTGCTCAGGCCCTCAGGACACAGACTGCTTTGCTGCGGCACTTCAATGACAGTGGAGCCTGTGTACC
TCGCTGTCCACAGCCTCTTGTCTACAACAAGCTAACTTTCCAGCTGGAACCCAATCCCCACCAAGTAT
CAGTATGGAGGAGTTTGTGTAGCCAGCTGTCCCATAACTTTGTGGTGGATCAAACATCTGTGTGAGGG
CCTGTCTCTGACAAGATGGAAGTAGATAAAATGGGCTCAAGATGTGTGAGCCTTGTTGGGGGACTATG
TCCCAAAGCCTGTGAGGGAACAGGCTCTGGGAGCCGCTCCAGACTGTGGACTCGAGCAACATTGATGGA
TTTGTGAAGTGCACCAAGATCCTGGGCAACCTGGACTTTCTGATCACCGCCCTCAATGGAGACCCCTGGC
ACAAGATCCCTGCCCTGGACCCAGAGAAGCTCAATGTCTTCCGACAGTACGGGAGATCACAGGTTACCT
GAACATCCAGTCTGGCCGCCCCACATGCACAACCTTCAGTGTCTTTTCAATTTGACAACCAATTGGAGGC
AGAAGCCTCTACAACCGGGGCTTCTCATTGTTGATCATGAAGAAGTGAATGTACATCTCTGGGCTTCC
GATCCCTGAAGGAAATTAGTGTGGGCGTATCTATATAAGTGCCAATAGGCAGCTCTGCTACCACCACTC
TTTGAAGTGGACCAAGGTGCTTCGGGGGCTACGGAAGAGCGACTAGACATCAAGCATAATCGGCCGCGC
AGAGACTGCGTGGCAGAGGGCAAAGTGTGTGACCCACTGTGCTCCTCTGGGGGATGCTGGGGCCAGGCC
CTGGTCAGTGCTTGTCTGTGAAATTATAGCCGAGGAGGTGTCTGTGTGACCCACTGCAACTTTCTGAA
TGGGGAGCCTCGAGAATTGCCATGAGGCCGAATGCTTCTCCTGCCACCGGAATGCCAACCATGGAG
GGCACTGCCACATGCAATGGCTCGGGCTCTGATACTTGTGCTCAATGTGCCATTTTCGAGATGGCCCC
ACTGTGTGAGCAGCTGCCCCATGGAGTCTAGGTGCCAAGGGCCCAATCTACAAGTACCCAGATGTTCA
GAATGAATGTGCGCCCTGCCATGAGAACTGCACCCAGGGGTGTAAGGACCAGAGCTTCAAGACTGTTTA
GGCAAAACACTGGTGTGATCGGCAAAACCATCTGACA

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAAATGAGATC
TGGTACCGATATCAAGCTTGTGACTCTAGA

Protein Sequence:	>RC600006 representing signal peptide plus the extracellular domain region of NM_001982 Red=Cloning sites Green= DDK and 6XHIS Tags MRANDALQVLGLLFLSLARGSEVGNSQAVCPGTLNGLSVTGDAENQYQTLTKLYERCEVVMGNLEIVLTGH NADLSFLQWIREVTGYVLVAMNEFSTLPLPNLRVVVGTQVYDGKFAIFVMLNYNTNSSHALRQLRLTQLT EILSGGVYIEKNDKLCHMDTIDWRDIVRDRDAEIVVKDNGRSCPPCHEVCKGRCWGPGEEDCQTLTKTIC APQCNGHCFGNPNQCCHDECAGGCSGPQDTCFACRHFNDSGACVPRCPQPLVYNKLTFLQLEPNPHTKY QYGGVCVASCPHNFVVDQTSVVRACPPDKMEVDKNGLKMCEPCGGLCPKACEGTGSGSRFQTVDSNIDG FVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPPHMHNFVSVNLTTIGG RSLYNRGFSLIMKNLNVTSLGFRSLKEISAGRIYISANRQLCYHSLNWTKVLRGPTTEERLDIKHNRPR RDCVAEGKVCDPCLSSGGCWGPQCLSCRNYSRGGVCVTHCNFLNGEPREFAHEAECFSCHPECQPM GTATCNGSGSDTCAQCAHFRDGPVHCVSSCPHGVLAGKGPITYKYPDVQNECRPCHENCTQGCKGPELQDCL GQTLVLIGKTHLT TRSGTRSGDYKDDDDKGSHHHHHH
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001982
ORF Size:	3718 bp
Buffer:	PBS with 0.001% Pluronic F11410
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_001982.3, NP_001973.2</u>
RefSeq Size:	5765 bp
RefSeq ORF:	4029 bp
Locus ID:	2065
UniProt ID:	<u>P21860</u>
Cytogenetics:	12q13.2
MW:	71.1 kDa