

Product datasheet for **RC200468A1V**

Human GSK3 beta (GSK3B) (NM_002093) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GSK3 beta (GSK3B) (NM_002093) AAV Particle
Tag:	Myc-DDK
Symbol:	GSK3 beta
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200468 representing NM_002093 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCAGGGCGGCCAGAACCTCCTTTGCGGAGAGCTGCAAGCCGGTGCAGCAGCCTTCAGCTTTTG
GCAGCATGAAAGTTAGCAGAGACAAGGACGGCAGCAAGGTGACAACAGTGGTGGCACTCCTGGGAGGG
TCCAGACAGGCCACAAGAAGTCAGCTATACAGACACTAAAGTGATTGGAAATGGATCATTGGTGTGGTA
TATCAAGCCAACTTTGTGATTGAGGAACTGGTCGCATCAAGAAAGTATTGCAGGACAAGAGATTTA
AGAATCGAGAGCTCCAGATCATGAGAAAGCTAGATCACTGTAAACATAGTCCGATTGCGTTATTTCTTCTA
CTCCAGTGGTGAGAAGAAAGATGAGGTCTATCTTAATCTGGTGTGGACTATGTTCCGGAAACAGTATAC
AGAGTTGCCAGACACTATAGTCGAGCCAAACAGACGCTCCCTGTGATTTATGTCAAGTTGTATATGTATC
AGCTGTTCCGAAGTTTAGCCTATATCCATTCTTTGGAATCTGCCATCGGGATATTAAACCGCAGAACCT
CTTGTTGGATCCTGATACTGCTGTATTAACCTCTGTGACTTTGGAAGTGCAAGCAGCTGGTCCGAGGA
GAACCAATGTTTCGTATATCTGTTCTCGGTACTATAGGGCACCAGAGTTGATCTTTGGAGCCACTGATT
ATACCTCTAGTATAGATGTATGGTCTGCTGGCTGTGTGTTGGCTGAGCTGTTACTAGGACAACCAATATT
TCCAGGGGATAGTGGTGTGGATCAGTTGGTAGAAATAATCAAGGTCCTGGGAACCTCAACAAGGGAGCAA
ATCAGAGAAATGAACCCAACTACACAGAAATTTAAATCCCTCAAATTAAGGCACATCCTTGGACTAAGG
ATTCGTACAGGAACAGGACATTTACCTCAGGAGTGCGGGTCTTCCGACCCGAACTCCACCGGAGGCAAT
TGCACTGTGTAGCCGTCTGCTGGAGTATACACCAACTGCCCAGCTAACCCACTGGAAGCTTGTGCACAT
TCATTTTTTGTGAATTACGGGACCCAAATGTCAAACCTACCAATGGGCGAGACACACCTGCACTCTTCA
ACTTCACCACTCAAGAACTGTCAAGTAATCCACCTCTGGCTACCATCCTTATTCCTCCTCATGCTCGGAT
TCAAGCAGCTGCTTCAACCCCAACAAATGCCACAGCAGCGTCAGATGCTAATACTGGAGACCGTGGACAG
ACCAATAATGCTGCTTCTGCATCAGCTTCCAACCTCCACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200468 representing NM_002093 Red=Cloning site Green=Tags(s) MSGRPRTTSFAESCKPVQQPSAFGSMKVS RDKGSKVTTVVATPGQGPDRPQEVSYTDTKVIGNGSFGVV YQAKLCDSGELVAIKKVLQDKRFKNRELQIMRKLDHCNIVRLRYFFYSSGEKKDEVYLNVLVDYVPETVY RVARHYSRAKQTLPIYVKLYMYQLFRSLAYIHSFGICHRIKPQNLLDPDTAVLKLCDFGSAKQLVRG EPNVSYICSRYYRAPELIFGATDYTSSIDVWSAGCVLAELLGQPIFPGDSGVDQLVEIIKVLGTPTREQ IREMNPNYTEFKFPQIKAHPWTKDSSGTGHFTSGVRVFRPRTPEAIALCSRLLEYTPARLTPLEACAH SFFDEL RDPNVKLPNGRDTPALFNFTTQELSSNPPLATILIPPHARIQAAASTPTNATAASDANTGDRGQ TNNAASASASNST TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002093
ORF Size:	1299 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_002093.2</u>
RefSeq Size:	1639 bp
RefSeq ORF:	1302 bp
Locus ID:	2932
UniProt ID:	<u>P49841</u>
Cytogenetics:	3q13.33
MW:	47.9 kDa