

Product datasheet for **RN206573**

Gsk3b (NM_032080) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gsk3b (NM_032080) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gsk3b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206573 representing NM_032080 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGGGCCAGCCGAGAACCACCTCCTTTGCGGAGAGCTGCAAGCCAGTGCAGCAGCCTTCAGCTTTTG
GTAGCATGAAAGTTAGCAGAGATAAAGATGGCAGCAAGTAACCCACAGTGGTGGCAACTCCTGGACAGGG
TCCTGACAGGCCACAGGAAGTCAGTTACACAGACACTAAAGTCATTGAAATGGGTCATTTGGTGTGGTA
TATCAAGCCAAACTTTGTGACTCAGGAGAACTGGTGGCCATCAAGAAAGTTCTTCAGGACAAGCGATTTA
AGAACCGAGAGCTCCAGATCATGAGAAAGCTAGATCACTGTAACATAGTCCGATTGCGGTATTTCTTCTA
CTCGAGTGGCGAGAAGAAAGATGAGGTCTACCTAACCTGGTGTGGACTATGTTCCGAAACAGGTGAC
AGAGTCGCCAGACACTATAGTCGAGCCAAGCAGACACTCCCTGTGATCTATGTCAAGTTGTATATGTACC
AGCTGTTCAGAAGTCTAGCCTATATCCATTCTTTGGGATCTGCCATCGAGACATTAACCACAGAACCT
CTTGCTGGATCCTGATACAGCTGTATTAACCTCTGCGACTTTGGAAGTGCAAAGCAGCTGGTCCGAGGA
GAGCCCAATGTTTCATATATCTGTTCTCGGTAACAGGGCACCAGAGCTGATCTTTGGAGCCACCGATT
ACACGTCTAGTATAGATGTATGGTCTGCAGGCTGTGTGTTGGCTGAATTGTTGCTAGGACAACCAATATT
TCCTGGGGACAGTGGTGTGGATCAGTTGGTGGAAATAATAAAGGTCCTAGGAACCAACAAGGGAGCAA
ATTAGAGAAATGAACCAAAATTATACAGAATTCAAATTCACCAATCAAGGCACATCCTTGGACGAAGG
TCTTTCCGCCCGAACTCCACCAGAGGCAATCGCACTGTGTAGCCGCTCCTGGAGTACACGCCGACCCG
CCGGCTAACCACTGGAAGCTTGTGCACATTCATTTTTGATGAATTACGGGACCCAAATGTCAAACCTA
CCAAATGGGCGAGACACCTGCCCTTCAACTTTACCACTCAAGAAGTGTCAAGTAACCCACCTCTGG
CCACCATCCTTATCCCTCCTCAGCTCGGATTCAGGCAGCTGCTTACCAGCTGCAAACGCCACAGCAGC
CTCAGATACTAATGCTGGAGACCGTGGACAGACCAATAACGCCGCTTCTGCATCAGCCTCCAACCTTACC
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_032080
Insert Size:	1263 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_032080.1</u> , <u>NP_114469.1</u>
RefSeq Size:	1525 bp
RefSeq ORF:	1263 bp
Locus ID:	84027
UniProt ID:	<u>P18266</u>
Cytogenetics:	11q21
Gene Summary:	mediates Par6-atypical protein kinase C (aPKC) complex regulation of cell polarity; may induce apoptosis [RGD, Feb 2006]