

Product datasheet for **SC108383**

GASK1B (NM_016613) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GASK1B (NM_016613) Human Untagged Clone
Tag:	Tag Free
Symbol:	GASK1B
Synonyms:	AD021; AD036; C4orf18; ENED; FAM198B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_016613, the custom clone sequence may differ by one or more nucleotides

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ATGACCTGTCCAGACAAGCCGGGCGAGCTCATAAACTGGTTCATCTGCTCCCTGTGCGTCCCGGGGTGC
GTAAGCTCTGGAGCAGCCGGCGTCCAAGGACCCGAGAAACCTTCTGCTGGGCACTGCGTGTGCCATCTA
CTTGGGCTTCTGGTGAGCCAGGTGGGAGGGCCTCTCTCCAGCATGGACAGGCGCTGAGAAGGGGCCA
CATCGCAGCCGCGACACCGCCGAGCCATCCTTCCCTGAGATACCCTGGATGGTACCCTGGCCCCCTCCAG
AGTCCCAGGGCAATGGGTCCACTCTGCAGCCCAATGTGGTGTACATTACCCTACGCTCCAAGCGCAGCAA
GCCGGCCAATATCCGTGGCACCGTGAAGCCCAAGCGCAGGAAAAAGCATGCAGTGGCATCGGCTGCCCA
GGGCGAGGAGGCTTTGGTCGGACCATCCCTTCAGCCGAGGAAGCGCAAGGGAAGCTGATGCTGTAGCAC
CTGGGTACGCTCAGGGAGCAAACCTGGTTAAGATTGGAGAGCGACCTGGAGGTTGGTGCGGGTCCGGG
AGTGCGAGCCGGGGGCCAGACTTCTGCAGCCAGCTCCAGGGAGAGCAACATTAGGATCTACAGCGAG
AGCGCCCCCTCTGGCTGAGCAAAGATGACATCCGAAGAATGCGACTCTTGGCGGACAGCGCAGTGGCAG
GGCTCCGGCCTGTGTCTCTAGGAGCGGAGCCGTTTGTGGTGTGGAGGGGGCGCACCTGGCGCTGT
GCTCCGCTGTGGCCCTAGCCCTGTGGGCTTCTCAAGCAGCCCTTGGACATGAGTGAGGTGTTTGCCTTC
CACCTAGACAGGATCCTGGGGCTCAACAGGACCCTGCCGTCTGTGAGCAGGAAAGCAGAGTTCATCCAAG
ATGGCCGCCCATGCCCCATATTCTTTGGGATGCATCTTTATCTTCAGCAAGTAATGACACCCATTCTTC
TGTTAAGCTCACCTGGGGAACCTATCAGCAGTTGCTGAAACAGAAATGCTGGCAGAATGGCCGAGTACCC
AAGCCTGAATCGGGTGTACTGAAATACATCATCATGAGTGGTCCAAGATGGCACTCTTTGATTTTTGT
TACAGATTTATAATCGCTTAGATACAAATTGCTGTGGATTCAGACCTCGCAAGGAAGATGCCTGTGTACA
GAATGGATTGAGGCCAAAATGTGATGACCAAGGTTCTGCGGCTCTAGCACACATTATCCAGCGAAAGCAT
GACCCAAGGCATTTGGTTTTTATAGACAACAAGGTTTTCTTTGACAGGAGTGAAGATAACTTAACTTCA
AATTGTTAGAAGGCATCAAAAGAGTTTCCAGCTTCTGCAGTTTCTGTTTTTGAAGAGCCAGCACTTACGGCA
GAAACTTCTTCAGTCTCTGTTTTCTGATAAAGTGTATTGGGAAAGTCAAGGAGGTAGACAAGGAATTGAA
AAGCTTATCGATGTAATAGAACACAGAGCCAAAATTCTTATCACCTATATCAATGCACACGGGTCAAAG
TATTACCTATGAATGAATGA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016613 unedited

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NGTCAAAATTTGTATACGACTCATATAGGGCGGCCGATTTCGGCACGAGGGGGCAGGAG
GCTTTGGTCGGACCATCCCTTCAGCCGAGGAAGCGGCAAGGGAAGCTGATGCTGTAGCA
CCTGGGTATGCTCAGGGAGCAAACCTGGTTAAGATTGGAGAGCGACCTGGAGGTTGGTG
CGGGGTCCGGGAGTGCGAGCCGGGGGCCAGACTTCTGCAGCCAGCTCCAGGGAGAGC
AACATTAGGATCTACAGCGAGAGCGCCCCCTCTGGCTGAGCAAAGATGACATCCGAAGA
ATGCGACTCTTGGCGGACAGCGCAGTGGCAGGGCTCCGGCCTGTGTCTCTAGGAGCGGA
GCCCCGTTTGTGGTGTGGAGGGGGCGCACCTGGCGCTGTGCTCCGCTGTGGCCCTAGC
CCCTGTGGGCTTCTCAAGCAGCCCTTGGACATGAGTGAGGTGTTTGCCTTCCACCTAGAC
AGGATCCTGGGGCTCAACAGGACCCTGCCGTCTGTGAGCAGGAAAGCAGAGTTTATCCAA
GATGGCCGCCCATGCCCCATATTCTTTGGGATGCATCTTTATCTTCAGCAAGTAATGAC
ACCCATTCTTCTGTTAAGCTCACCTGNGGAACCTATCAGCAGTTGCTGAAACAGAAATGC
TGGCAGAATGGCCGAGTACCCAAGCCTGAATCAGGTTGTACTGAAATACATCATCATGAG
TGGTCCAAGATGGCACTCTTTGATTNTTTGTTACAGATTTATAATCGCTTAGATACAATT
GCTGTGGATTGAGACCTCGCAAGGAGATGCCTGTGTACAGAATGGGATTGAGCCAAAATG
TGATGACCAAAGGTCTGCGGCTCTAGCACACATTATCCAGCGNAAGCATGACCCAGGCAT
TTGGNTTTTATA

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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_016613 unedited <pre> GACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTCGTTATGTATAAGGTA AAGTATATTTAATGGCACAGTAGAATAAACAGGCTATGATTACAAGTCCAAAGATTACAA ATATGATGATGATATCAAATATATGCACACACAAACACAATCCAACAAAATTCCTGACTC TCTTTCTTTTTTCACCGCTAAAGGTAGCAAACATTCCTCTGTACCTAGCTCTGAAACAC ATCTACAGAAGCAAATGAACTCATCTGCAAAATAAAAAGCACATATCTTTAATTTCTAAT GTTTTATTATAGATTTTAAAGATACATATTTATTTTATATTATTAGCTTAAAGAAAGTA AGTCACACAAGAATAAGCTTTTGCATGTCTGCTAAGGTAATTATTATATTATAAGTTTG TTATGAAGTTATAAATAAACACATATTGTGCTTATGTGAATAAAACCACAGCATAATCG GAGTGCATTTGAAATGCACAGAGTATTCTCATTGTTTCAATAAGACAAAAGAAGAACATT ACCTATTAGAATTAAGCTTGGCCTTCGGCTATCCATTAGTCAAAAATAATTCATCATG AATTACTCATTGATTACAAAACAAAATTGTTAAAAAGCAAAGGTGACTAAAATAACATG TTCCTGGGCTTTTCATTTAATAAGCATTGTTGGATACTGGAGGCAATAAACAAAGTTAA ACCCTCACGTGGGAAGACCAGGCTGCCCCACAGCATTGTAGCTTGAGACTCAAAGTAAAG CCAGCTTCTAAAAGCCTGTTAATCCTACCATCATATGATAATTTGGATAAAGAGGTAAAA AAAAAAAAAGGTTTAGCCGAAAAAGCCAAATCCCCTTGTAAACAGATGCAGGCACTGC CAAAAAGTATTCAGCCAGGCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016613
Insert Size:	4260 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:	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_016613.3</u> , <u>NP_057697.1</u>
RefSeq Size:	4854 bp
RefSeq ORF:	4854 bp
Locus ID:	51313
UniProt ID:	<u>Q6UWH4</u>
Cytogenetics:	4q32.1