

Product datasheet for **RC225890**

GASK1B (NM_001128424) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GASK1B (NM_001128424) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GASK1B
Synonyms:	AD021; AD036; C4orf18; ENED; FAM198B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC225890 representing NM_001128424
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCTGTCCAGACAAGCCGGGCAGCTCATAAACTGGTTCATCTGCTCCCTGTGCGTCCCGCGGGTGC
 GTAAGCTCTGGAGCAGCCGGCGTCCAAGGACCCGAGAAACCTTCTGCTGGGCACTGCGTGTGCCATCTA
 CTTGGGCTTCTGGTGAGCCAGGTGGGAGGGCCTCTCTCCAGCATGGACAGCGCGCTGAGAAGGGGCCA
 CATCGCAGCCGCGACACCGCCGAGCCATCCTTCCTGAGATACCCCTGGATGGTACCCTGGCCCCCTCCAG
 AGTCCCAGGGCAATGGGTCCACTCTGCAGCCCAATGTGGTGTACATTACCCTACGCTCCAAGCGCAGCAA
 GCCGGCCAATATCCGTGGCACCGTGAAGCCCAAGCGCAGGAAAAAGCATGCAGTGGCATCGGCTGCCCA
 GGGCAGGAGGCTTTGGTCGGACCATCCCTTCAGCCGAGGAAGCGCAAGGGAAGCTGATGCTGTAGCAC
 CTGGGTACGCTCAGGGAGCAAACCTGGTTAAGATTGGAGAGCGACCTGGAGTTGGTGGGGTCCGGG
 AGTGCAGCCGGGGGCCAGACTTCCTGCAGCCAGCTCCAGGGAGAGCAACATTAGGATCTACAGCGAG
 AGCGCCCCCTCTGGCTGAGCAAAGATGACATCCGAAGAATGCGACTCTTGGCGGACAGCGCAGTGGCAG
 GGCTCCGGCCTGTGTCTCTAGGAGCGGAGCCGTTTGTGTGTGTGGAGGGGGCGCACCTGGCGCTGT
 GCTCCGCTGTGGCCCTAGCCCCTGTGGGCTTCTCAAGCAGCCCTTGGACATGAGTGAGGTGTTTGCCTTC
 CACCTAGACAGGATCCTGGGGCTCAACAGGACCCTGCCGTCTGTGAGCAGGAAAGCAGAGTTCATCCAAG
 ATGGCCGCCCATGCCCATCATCTTTGGGATGCATCTTTATCTTCAGCAAGTAATGACACCCATTCTTC
 TGTTAAGCTCACCTGGGGAACCTATCAGCAGTTGCTGAAACAGAAATGCTGGCAGAATGGCCGAGTACCC
 AAGCCTGAATCGGTTGTACTGAAATACATCATCATGAGTGGTCCAAGATGGCACTCTTTGATTTTTGT
 TACAGATTTATAATCGCTTAGATACAAATTGCTGTGATTGAGCCTCGCAAGGAAGATGCCTGTGTACA
 GAATGGATTGAGGCCAAATGTGATGACCAAGGTTCTGCGGCTCTAGCACACATTATCCAGCGAAAGCAT
 GACCCAAGGCATTTGGTTTTATAGACAACAAGGTTTCTTTGACAGGAGTGAAGATAACTTAACTTCA
 AATTGTTAGAAGGCATCAAAGAGTTTCCAGCTTCTGCAGTTTCTGTTTTGAAGAGCCAGCACTTACGGCA
 GAACTTCTTCAGTCTCTGTTTCTTGATAAAGTGATTGGGAAAGTCAAGGAGGTAGACAAGGAATTGAA
 AAGCTTATCGATGTAATAGAACACAGAGCCAAATCTTATCACCTATATCAATGCACACGGGTCAAAG
 TATTACCTATGAATGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225890 representing NM_001128424
 Red=Cloning site Green=Tags(s)

MTCPDKPGQLINWFICSLCVPRVRKLWSSRRPRTRRNLLLTACAIYLGFLVSQVGRASLQHQAEEKGP
 HRSRDTAEPSPFEIPLDGTLAPPESQNGSTLQPNVVYITLRSKRSPANIRGTVPKRRKKHAVASAAP
 GQEALVGPSLQPQEAAREADAVAPGYAQGANLVKIGERPWRLVRGPGVRAGGPDFLQPSRESNIRIYSE
 SAPSWLSKDDIRRMRLADS AVAGLRPVSSRSGARLLVLEGGAPGAVLRGPPSPCGLLKQPLDMSEVFAF
 HLDRI LGLNRTLPSVSRKAEFIQDGRPCPIILWDASLSSASNDTHSSVKLTWGTYQQLLKQKQWQNGRVP
 KPESGCTEIHHEWSKMALFDLLQIYNRLDTNCCGFRPRKEDACVQNGLRPKCDDQGSAA LAHIIQRKH
 DPRHLVFIDNKGFFDRSEDNLNFKLLEGIKEFPASAVSVLKSQHLRQKLLQSLFLDKVYWESQGGRGIE
 KLIDVIEHRAKILITYINAHGVKVLPMNE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001128424

ORF Size: 1557 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001128424.2](#)

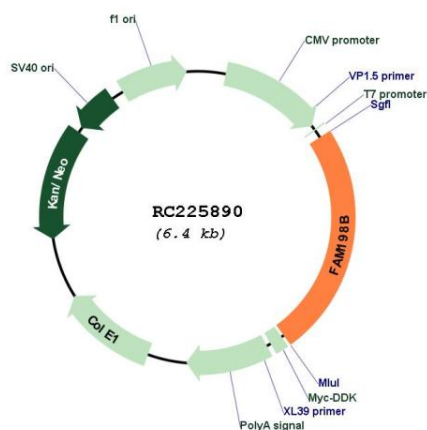
RefSeq ORF: 1560 bp

Locus ID: 51313

UniProt ID: [Q6UWH4](#)

Cytogenetics: 4q32.1
MW: 57.4 kDa

Product images:



Circular map for RC225890