

Product datasheet for **SC125667**

GAS2L3 (NM_174942) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GAS2L3 (NM_174942) Human Untagged Clone
Tag:	Tag Free
Symbol:	GAS2L3
Synonyms:	G2L3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_174942 edited
 GTCAGGGGCGTGTGGCCCCGCACAGATTGAGCCGAGTTGTGCGCCCGCTGGGAGAAGTG
 ACCCTCCTGCGCCTGATCAGAACTGAGGCTCAGAGAAGTTAACTACTCCAAAGTCATA
 TAGCCAGTATTTTCTGGAGCTGTAATTCAAATCAGATGTGTTCAATACCTTCTACTACCC
 CATTGCTGTCTTTATGAAAAGAAATTTCAATTAAGGTGACTATGCAGCCTGCAAT
 TCAAGTATGGTTTGGAGAAGATCTGCCTCTAAGTCCTCGGAGTCCTCTGACTCCCAGACA
 CGGACCAGGATTGGCTAATGTTTGTGTCAGTACGATGAGTGGATAGCTGTGAGGCATGAAGC
 CACTTTGTTGCCATGCAAGAAGATCTGTCAATCTGGTTATCTGGTTTATTAGGTATTAA
 AGTTAAGGCAGAAAAATTATTGGAAGAACTTGATAATGGAGTACTATTATGTCAACTGAT
 TGATGTTCTTCAAACATGGTGAAAACATGCAACTCTGAAGAATCAGGAATTTTCCAAT
 GAGAAAAGTGCCCTGTAAGAAAGATGCTGCATCAGGTTCACTTTGCTCGGGACAATAC
 CGCAAACCTTCTTCACTGGTGTAGGGACATTGGGGTTGATGAACTTACCTCTTTGAATC
 TGAAGGTTTAGTTTTGCACAAAGATCCAAGACAGGTGTATCTTTGTCTTCTTGAAATTGG
 TCGAATTGTGTCAAGATACGGGGTTGAGCCACCAGTGTTAGTAAACTTGAGAAAGAAAT
 TGAGTTAGAAGAGACTTTGCTTAATACTTCTGGGCCTGAAGATTCCATCAGCATTCCAAA
 ATCATGTGTGCGCATGAAGAGCTACATGAAGCTGTTAAACATATTGCTGAGGACCTCC
 TTGTAGTTGTTCTCATCGATTTTCTATTGAGTATTTATCTGAAGGACGGTACCGACTAGG
 GGATAAAATACTCTTTATAAGAATGCTTCATGAAAACATGTCATGGTTCGCGTTGGTGG
 AGGCTGGGATACTCTTCAAGGATTTTGTCTAAATATGACCCCTGTGCAATATTACAGTT
 TGCCCACTAGAACAAAAATTTTAGCATTTCAAAAAGGAGTTTCTAATGAAAGTGTAAC
 TGATTGCGCTGCCAGAACCTCAGCCTCCTGAAATGAATCCTTTGTGAGCAGTTAACAT
 GTTTCAGAAACAAAATTTCAAAACCCAGCGTGCCAGTTAGTATTTCAAAAAGCAAGAAAA
 ACAGGGACGTCCACCAGGTGCATTGGTGCCAGCATCTTCACTGAAAGGAGGTAATCTGGG
 CTCTATGTGTCAGTCCGTTCTAAATTGCCAAATTCTCCAGCAGCATTTCTCATCCCAAGCT
 CAAGTCTTCAAAAGGCATAACGAAGAAACCGCAGGCTCCTTCAAACAATGCATCATCTTC
 ACTTGCTTCATTAATCCAGTAGGTAAAAACACTTCTTACCAGCTTTACCAAGAACTGC
 ACCTTGATATCTGAGTCACCGAGAAAAATGATTTTCATCCCCCAATACCCCAAGGCCAA
 GGTTATTCAGCCCGAGAATTCAGCAGATCTGCCGAGTCCACACTTTTGCCAAATAAGTG
 TTCAGGAAAACTCAACCTAAGTATTTGAAACATAATCATATTTCTTCCAGAGATAATGC
 AGTATCTCACTTAGCTGCACATTCAAATTCATCCTCAAAATGTCCAAGCTGCCTAAAGC
 AAATATACCTGTAAGACCTAAACCTTCTTCCAGTCCTCTGCAAAAATGACAAAAACCAG
 TTCCAAAACCATAGCCACGGGTCTAGGAACACAGTCTCAACCATCCGATGGAGCCCCACA
 AGCAAAGCCAGTCCCAGCACAGAACTTAAATCGGCCTTGAATTTAAATCAGCCAGTTTC
 TGTGTCCTCAGTTTCTCTGTAAAAGCCACACAGAAATCAAAAGATAAGAATATAGTTTC
 AGCTACCAAAAAGCAGCCTCAGAATAAAAGTGCAATTCAGAAGACAGGACCCAGCTCCTT
 GAAGTCTCCTGGCCGTACCCCACTGTCCATCGTGAGCCTACCCAGTCTTCTACCAAAAC
 ACAAACTGCACCGAAGTCAGCACAGACTGTCGCTAAGAGCCAGCATTCACTAAAGGGCC
 TCCCAGAAGTGGCAAAACCCAGCTTCAATCAGGAAACCACTCATCTGTTAAGGATGC
 AGATAGTGGAGATAAAAAACCTACTGCAAGAAAAAGGAAGATGATGACCATTATTTGT
 CATGACTGGAAGTAAGAAACCTAGAAAAATAATACATACTCATTATAAAAAAAAAAAAAA
 A

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_174942 unedited <pre> AAAAGGTCAAAATTTGTAACGACTCCTATGGGCGGCCGCGACATCAACACGGTACCGGT CCGGACTTCCCGGGATATCGTCGACCCACGCGTCCGGTCAGGGGCGTGTTGGCCCCGCAC AGATTGAGCCGAGTTGTCGCCCCGCTGGGAGAAGTGACCTCCTGCGCCTGATCAGAACA CTGAGGCTCAGAGAAGTTAACTACTCCAAAGTCATATAGCCAGTATTTTCTGGAGCTGTA ATTCAAATCAGATGTGTTCAATACCTTCTACTACCCCATTTGCTGTCTTTATGAAAAGAAA TTTCATTTCAATATAGGTGACTATGCAGCCTGCAATTCAAGTATGGTTTGGAGAAGATCT GCCTCTAAGTCCTCGGAGTCCTCTGACTCCCAGACACGGACCAGGATTGGCTAATGTTTG TCAGTACGATGAGTGGATAGCTGTGAGGCATGAAGCCACTTTGTTGCCCATGCAAGAAGA TCTGTCAATCTGGTTATCTGGTTTATTAGGTATTAAGTTAAGGCAGAAAAATTATTGGA AGAAGTTGATAATGGAGTACTATTATGTCAACTGATTGATGTTCTTCAAAACATGGTGAA AACATGCAACTCTGAAGAATCAGGGAATTTTCCAATGAGAAAAGTGCCCTGTAAGAAAGA TGCTGCATCAGGTTTATTCTTTGCTNCCGACATACCGCANACTTCCTTCACTGGTGTAN GGACATTGNNGGTTGATGAACTTACCTCTTTGAATCTGAAGTTTAGTTTTGCACAAAG ATCCAAGAACAGTGATCTTTGCTTCTTGAAATTGGTCAATTGTGTCAAGATACNGGG GTTGAGCCACCAGTGTTTAGTAACTTGAGNAAGAAAT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_174942
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_174942.1</u> , <u>NP_777602.1</u>
RefSeq Size:	2341 bp
RefSeq ORF:	2085 bp
Locus ID:	283431
UniProt ID:	<u>Q86XJ1</u>
Cytogenetics:	12q23.1

Gene Summary:

Cytoskeletal linker protein. May promote and stabilize the formation of the actin and microtubule network.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longer isoform (a). Variants 1, 2 and 4 encode the same isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.