

Product datasheet for **SC318171**

GOLGA6B (NM_018652) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GOLGA6B (NM_018652) Human Untagged Clone
Tag:	Tag Free
Symbol:	GOLGA6B
Synonyms:	GOLGA; GOLGA6D
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_018652, the custom clone sequence may differ by one or more nucleotides <pre> ATGTGGCCCCAACCTACCTCCCTCCCCACCCCATGATGTTAGAAGAATCTCGACAGAAT AAATTGGCAGCAGCCAAGAAAAAGCTAAAAAATATCAGCAAAGGAGGCCCTGGTATT CCAGCAGGAGCAAAGACAAAAAGAAAAAACTGACAGTAGCCCTGAGACAACCACTTCC GGTGGTGGCCACTCACCTGGGGATAGCCAGTACCAAGAACTAGCAGTAGCCCTGGAGTCA AGCTCAGTGACAATCAGTCAACTCAATGAAAACATAGAATCATTGAAACAGCAGAAGAAA CAAGTGGAACATCAGCTGGAAGAAGCAAAGAAAAACAAATGAAATACACAAAGCACAA ATGGAGCGGTTAGAGACAATCAACATCCTCACATTGAAAAGGCAGACTTGAAGACCACC CTTTACCATACTAAACGTGCTGCCCCGACACTTCGAAGAAGAGTCCAAGGATCTGGCTGGC CGCCTGCAATACTCCTTACAGCGTATTCAAGAATTGGAGCGGGCTCTCTGTGCTGTGTCT ACACAGCAGCAGGAAGAGGACAGGTCTCGAGCTGCAGAGAAGCGGTCTCCACCGGCGG TTACAGCAGACCATAAAGGAGCGGGCGCTGCTGAACGCACACGTGACACAGGTGACAGAG TCACTAAAACAAGTCCAGCTAGAGCGAGACGAATATGCTAAACACATAAAGGAGAGAGG GCCCGGTGGCAGGAGAGGATGTGAAAAATGTCGGTGGAGGCTCGAACATTGAAGGAAGAG AAGAAGCGTGACATACATCGGATACAGGAGCTGGAGAGGAGCTTGTCGAACTCAAAAAC CAGATGGCTAAGCCCCATCCCTGGCGCCCCAGCAGTGACCTCTGTGGTGGAACAGCTA CAAGATGAGGCCAAACACCTGAGGCAGGAGGTGGAAGGTCTGGAGGGAAGCTCCAATCC CAGGTGGAACAAATCAGGCCTTGAGTCTCCTTAGCAAGGAACAAAAGCAGAGACTCCAG GAGCAGGAGGAGATGCTCCGAGAGCAGGAGGTGCAGAGAGTGCGGGAGCAGGAGAGACTG TGTGAACAAAACGAGAGGCTTCGGGAGCAGCAGAAGACGCTACAGGAGCAGGGTGAGAGG CTGCGAAAAGCAGGAGCAGAGGCTACGCAACAGGAGGAGAGGCTGCGAAAAGGAGGAGG AGGCTGCAAAAAGCAGGAAAAGAGGCTGTGGGACCAGGAGGAGAGGCTGTGGAAGAAGGAG GAGAGGCTACAAAAGCAGGAGGAGAGGCTCGCGCTCTCCAGAACCAAGCTCGACAAG CAGCTGGCCGAGCCACAGTGCAGCTTCGAGGATCTGAACAACGAGAAAAAGAGCGCACTG CAGTTGGAGCAGCAAGTAAAGGAGCTGCAGGAGAAGCTAGACGAGGAGCACCTAGAAGCT GCCAGCCAGCAGAACCAACAGCTAGAGACCCAGCTAAGCCTCGTGGCTCTCCCGGAGAA GGAGATGGAGGACAACATCTGGACAGTGAGGAGGAGGAGGCGCCTCGGCCACGCCAAAC ATCCCAGAGGACCTGGAGAGCCGGGAGGCCACGAGCAGCTTTATGGACCTCCGAAGGAG AAGGCGGACGGGACGGAGCAGGTGGAGAGACGAGAGCTTGGATTCTCCAGCCTTCTGGA GTGACAGACGGCATGAGAGAGTCTTCACCGTATATGAAAGCCAGGGGGCAGTGCCAAAC ACGCGGCACACAGGAGATGGAGGATGTCATCAGGCTGGCCAGAAAGGAGGAGAGATGAAG GTGAAGCTGCTGGAGCTGCAAGAGTTGGTGTGCCCCCTGTGGGCAACCATGAGGGGCAT GGCAAATTCCTCATCGCTGCCAGAACCTGCTGATGAGCCCACTCCAGGGGCCCCAGCC CCCCAGGAACCTGGGGTGCCGGTGAGCAGGATGATTTTATGAAGTGAGCCTGGACAAC AACGTGGAGCCTGCACCAGGAGCGGCCAGGAGGGTTCTCCCATGACAACCCCACTGTA CAGCAGATCGTGACAGTGTCTCTGTGCATGCAGGACACC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_018652
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_018652.4, NP_061122.4</u>
RefSeq Size:	3178 bp
RefSeq ORF:	2082 bp
Locus ID:	55889
UniProt ID:	<u>A6NDN3</u>
Cytogenetics:	15q24.1
Gene Summary:	This gene is found in a large, low copy repeat sequence or duplicon that is found in multiple copies, which are greater than 90% similar, on chromosome 15. Duplicons are associated with deletions, inversions and other chromosomal rearrangements that underlie genomic disease. This gene is a member of the golgin gene family, whose protein products localize to the Golgi apparatus. The majority of the related gene copies are thought to be transcribed pseudogenes. It is not known whether this gene is a pseudogene or if it encodes a golgin protein. [provided by RefSeq, Jul 2008]