

Product datasheet for **SC126773**

GNG11 (NM_004126) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GNG11 (NM_004126) Human Untagged Clone
Tag:	Tag Free
Symbol:	GNG11
Synonyms:	GNGT11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC126773 sequence for NM_004126 edited (data generated by NextGen Sequencing)

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ATGCCTGCCCTTCACATCGAAGATTTGCCAGAGAAGGAAAACTGAAAATGGAAGTTGAG
CAGCTTCGCAAAGAAGTGAAGTTGCAGAGACAACAAGTGTCTAAATGTTCTGAAGAAATA
AAGAACTATATTGAAGAACGTTCTGGAGAGGATCCTCTAGTAAAGGGAATTCCAGAAGAC
AAGAACCCTTTAAAGAAAAAGGCAGCTGTGTTATTTTCATAA
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Clone variation with respect to NM_004126.3

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_004126 unedited
ATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGGCAGCGGGAAGCTGCTTGG
CCCAGTCTCAAACCTTAACCCTCATCTAGCACCCGGCAGGCCCTCTGGGTTGCAGGGACT
TGAGAAAAGGCAGAGTTCTCAGGTCTAGGAAGCTGGGGCACGCTGGCGTGACAAGCGTC
CCGGAGAAAGCCAAGCCCTCGGGGAGCTGGGGACCGCAGCAGGGCTGCAGTCACATCCTG
CGCGGGTGGGCGGGCCAGGCCCTTCAGTTGTTTCGGGACGCGCCGAGCTTCGCCGCTC
TTCACGCGGCTCCGCTGCCAGAGCTAGCCTGAGCCGGTCTGGGGCGAAAATGCCTGCC
CTTCACATCGAAGATTTGCCAGAGAAGGAAAACTGAAAATGGAAGTTGAGCAGCTTCGC
AAAGAAGTGAAGTTGCAGAGACAACAAGTGTCTAAATGTTCTGAAGAAATAAAGAAGTAT
ATTGAAGAACGTTCTGGAGAGGATCCTCTAGTAAAGGGAATCCAGAAGCAAGAACCC
TTTAAAGAAAAAGGCAGCTGTGTTATTTTCATAAACTTGGGAGAACTGCATCCTAAG
TGAAGAACTAGTTTGTGTTTGTGTTTCCAGATAAAACCAACATGCTTTTTAAGGAAGGA
AGAATGAAATTAAGGAGACTTTCTTAAGCACCATATAGATAGGGTTATGTATAAAGC
ATATGTGCTACTCATCTTTGCTCACTATGCAGTCTTTTTAAGAGAGCAGAGAGTATCAG
ATGTACAATTATGAAAATAAGAACATTACTTGAGCATGACACTNNCTTCAGTATATTGCT
TGATGCTCAAAAATAAGNTTGTCTGGGAAAAAAAAAAAAAAAAAAAAAAAAACTCGCTCAA
ATTGCGGCGGGTCATAGCTGTTCTGAACAGANCCGGNNTGGATCCNTGTGACCCTCCC
ATGCCTCTCTGGCCTGNAGTTGCACTCATGCCACAGCTT
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_004126 unedited CTAGAGTCGAGNNTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCCAAAAACAAAACCTTTATTTGA AGCATCAAGCAATATACTGAAAGAAGTGTCAATGCTCAAGTAATGTTCTTATTTCCATAAT TGTACATCTGATACTCTCTGCTCTCTTAAAAAAGACTGCATAGGGAGCAAAGATGAGTAG CACATATGCTTTTATACATAACCCTATCTATATGGTGCTTAAGAAAGTCTCCTTTAATT TCATTCTTCCTTCTTAAAAAGCATGTTGGTTTTATCTGGGAAAACAAAACAACTAGT TCTTCCACTTAGGATGCAGTTTCTCCCAAGTTATTTATGAAATAACACAGCTGCCTTTTT CTTTAAAGGGTTCTTGTCTTCTGGAATCCCTTTACTAGAGGATCCTCTCCAGAACGTT CTTCAATATAGTTCTTTATTTCTCAGAACATTTAGACACTTGTGTCTCTGCAACTTCA CTTCTTTGCGAAGCTGCTCAACTTCCATTTTCAGTTTTTCCCTTCTCTGGCAAATCTTTC ATGTGAAGGGCAGGCATTTTCCCCCACACCCGGGCTCACGCTACCTCTGGCCACGGAC CCGCTGGAAGACCGGCGAACCTCGCCCCGTCCCGAAACAAGTAAAGCCTGGCCCCGCCG CCACCCCGTCCAGGATGTGACTGCACCCCTGCTGCGGGCCCCAGCTCACCGAGGGCTTGG TTTTCTTCGGACGCTTTGTCCGCAATGGTGCCCAATCCCTAGCACTTGGACCCCTGCC TTTTTCCAATCCCTGCAACCACAAGCCTGGCCCGGTGCCCATAGAGGGTTAAANTTCCA AACTGGGGCCACAGCCTTCTCCCGCCCCCGCCAATTTGCGCCCGCCCTTAAACAG GCTCCATCAACATATCTCGCAGCGGCCCTTACACACTTTTCGCTTNTATACACCCCTCCAC GCCAGCCGACCGCCCTTGTGGCACCAGGGCGCGGGTATTACAAAAATCTGAACACTCGC CGTATTTGTGCCAAACAACTTCTTGCCTCTGGGGGCGAACCTGTACACCCCGN
Restriction Sites:	NotI-NotI
ACCN:	NM_004126
Insert Size:	910 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_004126.2</u> , <u>NP_004117.1</u>
RefSeq Size:	884 bp
RefSeq ORF:	222 bp
Locus ID:	2791
UniProt ID:	<u>P61952</u>
Cytogenetics:	7q21.3

Domains:	G-gamma
Protein Families:	Druggable Genome
Protein Pathways:	Chemokine signaling pathway
Gene Summary:	<p>This gene is a member of the guanine nucleotide-binding protein (G protein) gamma family and encodes a lipid-anchored, cell membrane protein. As a member of the heterotrimeric G protein complex, this protein plays a role in this transmembrane signaling system. This protein is also subject to carboxyl-terminal processing. Decreased expression of this gene is associated with splenic marginal zone lymphomas. [provided by RefSeq, Jul 2008]</p>