

Product datasheet for **SC114439**

GLOD4 (NM_016080) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GLOD4 (NM_016080) Human Untagged Clone
Tag:	Tag Free
Symbol:	GLOD4
Synonyms:	C17orf25; CGI-150; HC71
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114439 sequence for NM_016080 edited (data generated by NextGen Sequencing)

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ATGGCTGCTCGCAGAGCTCTGCACTTCGTATTCAAATGGGAAACCGCTTCCAGACGGCG  
CGTTTTCTATCGGGACGTCTGGGGATGAAGTTCTGCGGCATGAGGAATTTGAAGAAGGC  
TGCAAAGCTGCCTGTAATGGGCCTTATGATGGGAAATGGAGTAAAACAATGGTGGGATTT  
GGGCCTGAGGATGATCATTGTCGCGAAGTACTTACAATTATGGCGTCGGAGACTAC  
AAGCTTGGCAATGACTTTATGGGAATCACGCTCGCTTCTAGCCAGGCTGTCAGCAACGCC  
AGGAAGCTGGAGTGGCCACTGACGGAAGTTGCAGAAGGTGTTTTGAAACCGAGGCCCG  
GGAGGATATAAGTTCTATTTGCAGAATCGCAGTCTGCCTCAGTCAGATCCTGTATTA  
GTAAGTCTAGCAGTGTCTGATCTTCAAAGTCCTTGAAGTACTGGTGAATCTACTGGGA  
ATGAAATTTATGAAAAGATGAAGAAAAGCAAAGGGCTTTGCTGGGCTATGCTGATAAC  
CAGTGTAAGCTGGAGCTACAGGGCGTCAAGGGTGGGGTGGACCATGCAGCAGCTTTTGG  
AGAATTGCCTTCTTGGCCCCAGAAAGAGTTGCCAGACTTAGAAGACTTGATGAAAAGG  
GAGAACGAGAAGATTCTGACTCCCTGGTGGACCTGGACACCCAGGAAAGCAACAGTA  
CAGGTGGTCATTCTGGCCGACCTGACGGACATGAAATTTGCTTTGTCGGGGATGAAGCA  
TTTCGAGAATTTCTAAGATGGATCCAGAGGGAAGCAAATTTGTTGGATGATGCAATGGCA  
GCAGATAAAAGTGACGAGTGGTTTGCCAAACACAATAAACCCAAAGCTTCAGTTAA
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Clone variation with respect to NM_016080.3
37 g=>a



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_016080 unedited GTAATACGAACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGGGAATATGGCTGCT CGCAGAGCTCTGCACTTCGTATTCAAAGTGGGAAACCGCTTCCAGACGGCGCTTTCTAT CGGGACGTCTCGGGATGAAGGTTCTGCGGCATGAGGAATTTGAAGAAGGCTGCAAAGCT GCCTGTAATGGGCCTTATGATGGGAAATGGAGTAAAACAATGGTGGGATTGGGCCTGAG GATGATCATTTTGTGCGAGAAGTACTTACAATTATGGCGTCGGAGACTACAAGCTTGGC AATGACTTTATGGGAATCAGCTCGCTTCTAGCCAGGCTGTCAGCAACGCCAGGAAGCTG GAGTGGCCACTGACGGAAGTTGCAGAAGGTGTTTTTGAACCGAGGCCCGGGAGGATAT AAGTTCTATTTGCAGAATCGCAGTCTGCCTCAGTCAGATCCTGTATTAAGTAAGTACTTA GCAGTGTCTGATCTTCAAAGTCTTGAAGTACTGGTGTAACTACTGGGAATGAAAATT TATGAAAAGATGAAGAAAAGCAAAGGGCTTTGCTGGGCTATGCTGATAACCAAGTGAAG CTGGAGCTACAGGGCGTCAAGGGTGGGGTGGACCATGCAGCAGCTTTTGGAGAATTGCC TTCTCTTTGCCCCAGAAGAGTTGCCAGACTTANAAGACTTGATGAAAAGGGAGAACCAGA AGATTCTGACTCCCCTGGTGAGCCTGGACACCCAGGAAANGCACAGTACAGGTGGTCAT TCTGGCCGACCCTGACNGACATGAATTNTGCTTGTGCGGGATGAAGCATTNCGAGAAGCTT CTAAGATGGATCAGNAGGAAAGCAATNGTNGGATGATGCCATGGCACAAATAAAGTGACC AGGGGTTTGGCCACACCAATAAACCCAGGCTTCCAGTAACGGA
Restriction Sites:	ECoRI-NOT
ACCN:	NM_016080
Insert Size:	1500 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:	NM_016080.2 , NP_057164.2
RefSeq Size:	1797 bp
RefSeq ORF:	897 bp
Locus ID:	51031
UniProt ID:	Q9HC38
Cytogenetics:	17p13.3