

## Product datasheet for **SC123726**

### **GLOD4 (BC008605) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	GLOD4 (BC008605) Human Untagged Clone
Tag:	Tag Free
Symbol:	GLOD4
Synonyms:	C17orf25; CGI-150; glyoxalase domain containing 4; HC71
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for BC008605 edited  
 CATGGCTGCTCGCAGAGCTCTGCACTTCGTATTCAAAGTGGGAAACCGCTTCCAGACGGC  
 GCGTTTCTATCGGGACGTCTGGGGATGAAGTTCTGCGGCATGAGGAATTTGAAGAAGG  
 CTGCAAAGCTGCCTGTAATGGGCCTTATGATGGGAAATGGAGTAAACAATGGTGGGATT  
 TGGGCCTGAGGATGATCATTGTCGCAGAAGTACACTTACAATTATGGCGTCGGAGACTA  
 CAAGCTTGGCAATGACTTTATGGGAATCACGCTCGCTTAGCCAGGCTGTCAGCAACGC  
 CAGGAAGCTGGAGTGGCCACTGACGGAAGTTGCAGAAGGTGTTTTGAAACCGAGGCCCC  
 GGGAGGATATAAGTTCTATTTGCAGAATCGCAGTCTGCCTCAGTCAGATCCTGTATTA  
 AGTAACCTAGCAGTGTCTGATCTTCAAAGTCCTTGAACACTGGTGTAACTACTGGG  
 AATGAAAATTTATGAAAAGATGAAGAAAAGCAAAGGGCTTTGCTGGGCTATGCTGATA  
 CCAGTGTAAAGCTGGAGCTACAGGGCGTCAAGGGTGGGGTGGACCATGCAGCAGCTTTG  
 AAGAAATGCCCTTCTTGGCCCCAGAAAGATTGCCAGACTTAGAAGACTTGATGAAAAG  
 GGAGAACCAGAAGATTCTGACTCCCTGGTGGAGCTGGACACCCAGGAAAGCAACAGT  
 ACAGGTGGTCATTCTGGCCGACCCTGACGGACATGAAATTTGCTTTGTCGGGGATGAAGC  
 ATTTGAGAACTTTCTAAGATGGATCCAGAGGGAAGCAAATTTGTTGGATGATGCAATGGC  
 AGCAGATAAAAGTGACGAGTGGTTTGCCAAACACAATAAACCCAAAGCTCAGGTTAACG  
 GAAGACATGATGCAGAGCAAGCCTCTGTGATTCCTGCCAGCACCTGTGAGGCTGACGT  
 GTCAGTCCCAATAAATGCTCTTCTGATTTGTTCCCGTACAGGCAAGGAGGCTTGGGTA  
 GTGCAGATTTGTGATTTCAATCTTTGAAAGCTCTGATGTAATTTAGAAATGAAATCCAA  
 TCATGAGTCCAGGTAGAGAACGCTGCTGTAATCTACACTGTTGCTGGGACTGCGCATT  
 TGATATAAAGTGTGGATGAGTGACAGATGATTGTCCAGACTAGGACAGCGGCATGAA  
 CATGACTTTGGTTGGGATTGCGGATAGTTAGGGTACCTCTGAATCGTGTAGCTTTTATG  
 AGAGCAGCTGTGCAAGTGAATCCACATTAATGCCTTGTGCTGGTCCATTCCAGCGCCT  
 GACGATACGCTCTTCTATTGTCTTATTCTGGCAGGTTTTGACGTTTTAAATTTTTTAAAG  
 AAATTTTATTCCTTGGACCAAAGGTTTGGTTAACCCACCCCTTACTTGTCTTCCACA  
 TTTTGAGTGTCCAGAGGAAACAGAAAGGAATGAGTGTGTGACGTTGCTGCACGCCTGACT  
 CTGTGCGAGCTTCTTCTGTGTATATATTTGTTTTATTTTTTCCGTGTATATTTTTAA  
 TCCCGACAGAACATCATGTGAGATTTCTTAAATGGATTAACGATTTCTTCAGCCTGA  
 AAAAAAAGGTTTTGAAAATGTTTTCTGTAGTTTTGTTTGGTTCTAAACAACAAATAGGT  
 TTTAATCACTCGAAATGGAATTATATTGTGATTCATTGAATAAATTTTTTTGAAAGTA  
 AGCTTCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for BC008605 unedited  
 CCGTTCGCATTTGTATACGACTCATATAGGCGGGCCGCGATTCCCGGGGTATCGTCGACC  
 CACGCGTCCGCATGGCTGCTCGCAGAGCTCTGCACTTCGTATTCAAAGTGGGAAACCGCT  
 TCCAGACGGCGCGTTTCTATCGGGACGTCTGGGGATGAAGTTCTGCGGCATGAGGAAT  
 TTGAAGAAGGCTGCAAAGCTGCCTGTAATGGGCCTTATGATGGGAAATGGAGTAAACAA  
 TGGTGGGATTTGGCCTGAGGATGATCATTGTCGCAGAAGTACTTACAATTATGGCG  
 TCGGAGACTACAAGCTTGCAATGACTTTATGGGAATCACGCTCGCTTCTAGCCAGGCTG  
 TCAGCAACGCCAGGAAGCTGGAGTGGCCACTGACGGAAGTTGCAGAAGGTGTTTTGAAA  
 CCGAGGCCCGGGAGGATATAAGTTCTATTTGCAGAATCGCAGTCTGCCTCAGTCAGATC  
 CTGTATTAAGTAAGTACTAGCAGTGTCTGATCTTCAAAGTCTTGAACACTGGTGTGA  
 ATCTACTGGGAATGAAAATTTATGAAAAGATGAAGAAAAGCAAAGGGCTTTGCTGGGCT  
 ATGCTGATAACCAAGTGAAGCTGGAGCTACAGGGCGTCAAGGGTGGGGTGGACCATGCAG  
 CAGCTTTTGAAGAATTGCCCTTCTTGGCCCCAGAAAGATTGCCAGACTTAGAAGACT  
 TGATGAANAGGGAGAACCAGAAGTCTGACTCCCTGGTGGAGCCTGGACACCCAGGGAA  
 AGGCACAGTACAGGTGGTCATTCTGGCCGACCCTGACGGACATGAAATTTGGCTTGTGC  
 GGGATGAAGCATTTTCAGGACTTTCTAGATGGATCCAGAGGGAAGCAAATGNTGGGAT  
 GATGGCATGGGCAGCAGAATAAAGTGAC

**Restriction Sites:** Please inquire  
**ACCN:** BC008605

<b>Insert Size:</b>	1783 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC008605.1</a></u> , <u><a href="#">AAH08605.1</a></u>
<b>RefSeq Size:</b>	1783 bp
<b>Locus ID:</b>	51031
<b>Cytogenetics:</b>	17p13.3