

Product datasheet for **RG238913**

GLB1L (NM_001286427) Human Tagged ORF Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | GLB1L (NM_001286427) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | GLB1L |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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ORF Nucleotide Sequence:

>RG238913 representing NM_001286427.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCTCCAAGAAGCTGTCTGCCTTCGTTCCCTGCTGCCGCTCAGCCTGACGCTACTGCTGCC
CAGGCAGACACTCGGTCGTTTCGTAGTGGATAGGGGTCATGACCGTTTCTCCTAGACGGGCCCGTTT
CGCTATGTGTCTGGCAGCCTGCACTACTTTCGGGTACCGCGGTGCTTTGGGCCACCGGCTTTGAAG
ATGCGATGGAGCGGCTCAACGCCATACAGTTTTATGTGCCCTGAACTACCACGAGCCACAGCCTGGG
GTCTATAACTTTAATGGCAGCCGGGACCTCATTGCCTTCTGAATGAGGCAGCTCTAGCGAACCTGTTG
GTCATACTGAGACCAGGACCTTACATCTGTGCAGAGTGGGAGATGGGGGGTCTCCCATCTGGTTGCTT
CGAAAACCTGAAATTCATCTAAGAACCTCAGATCCAGCTGACAACATGACCAAAATCTTACCCTGCTT
CGGAAGTATGAACCCATGGGCCATTGGTAAACTCTGAGTACTACACAGGCTGGCTGGATTACTGGGGC
CAGAATCACTCCACACGGTCTGTGTGAGCTGTAACCAAAGGACTAGAGAACATGCTCAAGTTGGGAGCC
AGTGTGAACATGTACATGTTCCATGGAGGTACCAACTTTGGATATTGGAATGGTCCGATAAGAAGGA
CGCTTCCCTCCGATTACTACCAGCTATGACTATGATGCACCTATATCTGAAGCAGGGGACCCACACCT
AAGCTTTTTGCTCTTCGAGATGTCATCAGCAAGTTCAGGAAGTTCCTTTGGGACCTTACCTCCCCCG
AGCCCCAAGATGATGCTTGGACCTGTGACTCTGCACCTGGTTGGGCATTTACTGGCTTCTCCTAGACTTG
CTTTGCCCGGTGGGCCATTCAATCAATCTTGCCAATGACCTTTGAGGCTGTCAAGCAGGACCATGGC
TTCATGTTGTACCGAACCTATATGACCCATACCAATTTTGGCCAAACACCACTTCTGGGTGCCAAATAAT
GGAGTCCATGACCGTGCCTATGTGATGGTGGATGGGGTGTCCAGGGTGTGTGGAGCGAAATATGAGA
GACAAACTATTTTTGACGGGAAACTGGGGTCCAACTGGATATCTTGGTGGAGAACATGGGGAGGCTC
AGCTTTGGGTCTAACAGCAGTACTTCAAGGGCCTGTTGAAGCCACCAATCTGGGGCAAACAATCCTT
ACCCAGTGGATGATGTTCCCTCTGAAAATTGATAACCTTGTGAAGTGGTGGTTTTCCCTCCAGTTGCCA
AAATGGCCATATCCTCAAGCTCCTTCTGGCCCCACATTCTACTCCAAAACATTTCAATTTTAGGCTCA
GTTGGGGACACATTTCTATATCTACCTGGATGGACCAAGGGCCAAGTCTGGATCAATGGGTTAACTTG
GGCCGGTACTGGACAAAGCAGGGGCCACAACAGACCCTTACGTGCCAAGATTCTGCTGTTTCTAGG
GGAGCCCTCAACAAAATTACATTGCTGGAAGTGAAGATGTACCTCTCCAGCCCCAAGTCCAATTTTTG
GATAAGCCTATCCTCAATAGCACTAGTACTTTGCACAGGACACATATCAATTCCTTTCAGCTGATACA
CTGAGTGCCTCTGAACCAATGGAGTTAAGTGGGCAC
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
  
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Protein Sequence:

>Peptide sequence encoded by RG238913
 Blue=ORF Red=Cloning site Green=Tag(s)

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MAPKKLSCLRLLLLPLSLTLLLQADTRSFVDRGHDRFLLDGAPFRYVSGSLHYFRVPRVLWADRLLK
MRWSGLNAIQFYVPWNYHEPQGVYVNFNGSRDLIAFLNEAALANLLVILRPGPYICAEWEMGGLPSWLL
RKPEIHLRTSDPADNMTKIFTLRKYEPHGPLVNSEYYTGWLDYWGQNHSTRSVSAVTKGLENMLKLAGA
SVNMYMFHGGTNFGYWNGADKKGRFLPITTSYDYDAPISEAGDPTPKLFALRDVISKFQEVPLGPLPPP
SPKMLLGPVTLHLVGHLLAFLDLLCPRGPIHSILPMTFEAVKQDHGFMLYRTYMTHTIFEPFPFVWPNN
GVHDRAYVMVDGVFQGVVERNMRDKLFLTGKLGSKLDILVENMGRLSFGSNSDFKGLLKPPIQGQITL
TQWMMFPLKIDNLVKWVFPQLPKWPYPQAPSGPTFYSKTFPILGSVGDFTLYLPGWTKGQVWINGFNL
GRYWKQGPQQLYVPRFLLFPRGALNKITLLELEDVPLQPQVFLDKPILNSTSLHRHINSLSADT
LSASEPMELSGH
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPISILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
  
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Restriction Sites:

Sgfl-Mlul

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|------------------------|--|
| ORF Size: | 1692 bp |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| 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). |
| RefSeq: | NM_001286427.1 , NP_001273356.1 |
| RefSeq Size: | 2227 bp |
| RefSeq ORF: | 1695 bp |
| Locus ID: | 79411 |
| Cytogenetics: | 2q35 |
| MW: | 64.5 kDa |
| Gene Summary: | Probable glycosyl hydrolase.[UniProtKB/Swiss-Prot Function] |