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Product datasheet for SC126591

GLB1L (NM_024506) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	GLB1L
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene ORF within SC126591 sequence for NM_024506 edited (data generated by NextGen Sequencing)

ATGGCTCCCAAGAAGCTGTCCTGCCTTCGTTCCCTGCTGCTGCCGCTCAGCCTGACGCTA
CTGCTGCCCCAGGCAGACACTCGGTCGTTCGTAGTGGATAGGGGTCATGACCGGTTTCTC
CTAGACGGGGCCCCGTTCCGCTATGTGTCTGGCAGCCTGCACTACTTTCGGGTACCGCGG
GTGCTTTGGGCCGACCGGCTTTTGAAGATGCGATGGAGCGGCCTCAACGCCATACAGTTT
TATGTGCCCTGGAACTACCACGAGCCACAGCCTGGGGTCTATAACTTTAATGGCAGCCGG
GACCTCATTGCCTTTCTGAATGAGGCAGCTCTAGCGAACCTGTTGGTCATACTGAGACCA
GGACCTTACATCTGTGCAGAGTGGGAGATGGGGGGTCTCCCATCCTGGTTGCTTCGAAAA
CCTGAAATTCATCTAAGAACCTCAGATCCAGACTTCCTTGCCGCAGTGGACTCCTGGTTC
AAGGTCTTGCTGCCCAAGATATATCCATGGCTTTATCACAATGGGGGCAACATCATTAGC
ATTCAGGTGGAGAATGAATATGGTAGCTACAGAGCCTGTGACTTCAGCTACATGAGGCAC
TTGGCTGGGCTCTTCCGTGCACTGCTAGGAGAAAAGATCTTGCTCTTCACCACAGATGGG
CCTGAAGGACTCAAGTGTGGCTCCCTCCGGGGACTCTATACCACTGTAGATTTTGGCCCA
GCTGACAACATGACCAAAATCTTTACCCTGCTTCGGAAGTATGAACCCCATGGGCCATTG
GTAAACTCTGAGTACTACACAGGCTGGCTGGATTACTGGGGCCAGAATCACTCCACACGG
TCTGTGTCAGCTGTAACCAAAGGACTAGAGAACATGCTCAAGTTGGGAGCCAGTGTGAAC
ATGTACATGTTCCATGGAGGTACCAACTTTGGATATTGGAATGGTGCCGATAAGAAGGGA
CGCTTCCTTCCGATTACTACCAGCTATGACTATGATGCACCTATATCTGAAGCAGGGGAC
CCCACACCTAAGCTTTTTGCTCTTCGAGATGTCATCAGCAAGTTCCAGGAAGTTCCTTTG
GGACCTTTACCTCCCCCGAGCCCCAAGATGATGCTTGGACCTGTGACTCTGCACCTGGTT
GGGCATTTACTGGCTTTCCTAGACTTGCTTTGCCCCCGTGGGCCCATTCATTCAATCTTG
CCAATGACCTTTGAGGCTGTCAAGCAGGACCATGGCTTCATGTTGTACCGAACCTATATG
ACCCATACCATTTTTGAGCCAACACCATTCTGGGTGCCAAATAATGGAGTCCATGACCGT
GCCTATGTGATGGTGGATGGGGTGTTCCAGGGTGTTGTGGAGCGAAATATGAGAGACAAA
CTATTTTTGACGGGGAAACTGGGGTCCAAACTGGATATCTTGGTGGAGAACATGGGGAGG
CTCAGCTTTGGGTCTAACAGCAGTGACTTCAAGGGCCTGTTGAAGCCACCAATTCTGGGG
CAAACAATCCTTACCCAGTGGATGATGTTCCCTCTGAAAATTGATAACCTTGTGAAGTGG
TGGTTTCCCCTCCAGTTGCCAAAATGGCCATATCCTCAAGCTCCTTCTGGCCCCACATTC
TACTCCAAAACATTTCCAATTTTAGGCTCAGTTGGGGACACATTTCTATATCTACCTGGA
TGGACCAAGGGCCAAGTCTGGATCAATGGGTTTAACTTGGGCCGGTACTGGACAAAGCAG
GGGCCACAACAGACCCTCTACGTGCCAAGATTCCTGCTGTTTCCTAGGGGAGCCCTCAAC
AAAATTACATTGCTGGAACTAGAAGATGTACCTCTCCAGCCCCAAGTCCAATTTTTGGAT
AAGCCTATCCTCAATAGCACTAGTACTTTGCACAGGACACATATCAATTCCCTTTCAGCT
GATACACTGAGTGCCTCTGAACCAATGGAGTTAAGTGGGCACTGA

Clone variation with respect to NM_024506.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024506 unedited

NNNGGTTCAAATTTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACCAGGCATCCG
GNAGATGTGGGGACGCGGAGCTGAGAGGCTCCGGGCTAGCTAGGTGTAGGGGTGGACGGG
TCCCAGGACCCTGGTGAGGGTTCTCTACTTGGCCTTCGGTGGGGGTCAAGACGCAGGCAC
CTACGCCAAAGGGGAGCAAAGCCGGGCTCGGCCCGAGGCCCCCAGGACCTCCATCTCCCA
ATGTTGGAGGAATCCGACACGTGACGGTCTGTCCGCCGTCTCAGACTAGAGGAGCGCTGT
AAACGCCATGGCTCCCAAGAAGCTGTCCTGCCTTCGTTCCCTGCTGCTGCCGCTCAGCCT
GACGCTACTGCTGCCCCAGGCAGACACTCGGTCGTTCGTAGTGGATAGGGGTCATGACCG
GTTTCTCCTAGACGGGGCCCCGTTCCGCTATGTGTCTGGCAGCCTGCACTACTTTCGGGT
ACCGCGGGTGCTTTGGGCCGACCGGCTTTTGAAGATGCGATGGAGCGGCCTCAACGCCAT
ACAGTTTTATGTGCCCTGGAACTACCACGAGCCACAGCCTGNGGTCTATAACTTTAATGG
CAGCCGGGACCTCATTGCCTTTCTGAATGAGGCAGCTCTAGCGAACCTGTTGGTCATACT
GAGACCAGGACCTTACATCTGTGCAGAGTGGGAGATGGGGGGTCTCCCATCCTGGTTGCT
TCGAAAACCTGAAATTCATCTAAGAACCTCAGATCCAGACTTCCTTGCCGCAGTGGACTC
CTGGTTCAAGGTCTTGCTGCCCAAGAATATCCATGGCTNNTATCACATGGGGGNCACATC
ATTAGCATTNCAGTGGAGAATGAATATGGTAGCTACANAGCCTGTGACTTCAGCTACATG
AGGCACTTGGCTGGGCTCCTTCCGTCACTGCTAGAANAAAAGATCT

3' Read Nucleotide Sequence:

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>OriGene 3' read for NM_024506 unedited
GGGCCTCCAGTACGTGGACGCAATCAAAGATCGGTTTTTTTTTTTTTTTTTTTGAGAGG
AGTGTCTCACTGTCAGCCAGGCTGAAGTGCAGTGGTACAACCTCCACTCACTGCAACCTC
TGCCTCCTGGATTCAAGCAATTCTCCTGCCCTCAGCCTCCCAAGTAGCTGGGATTAGAGG
TGCCCACCATCACGCCCGGCTAATTTTTGTATTTTTAGTGGAGACGGGGTTTCACCATGT
TGGCCAGGCTGGTCTTGAAGTCCTGACCTCAGGTAATCCACCCGTCTCATCCTCCCAAAG
TGCTGGGATTACAGGCATGAGCCACCATGCCCGGCCTACCTTTCAGTGCCCACTTAACTC
CATTGGTTCAGAGGCACTCAGTGTATCAGCTGAAAGGGAATTGATATGTGTCCTGTGCAA
AGTACTAGTGCTATTGAGGATAGGCTTATCCAAAAATTGGACTTGGGGCTGGAGAGGTAC
ATCTTCTAGTTCCAGCAATGTAATTTTGTTGAGGGCTCCCCTTAGAAACAGCACGAATCT
TGGCACGTAAAGGGTCTGTTGTGGCCCCTGCTTTGTCCAGTACCGGCCCCAGTTTAACCC
CTTGATCCAGACTTGCCCCCATACCTTGGTCCTCCCCGTTGATATAGAAATGGGGCCCCC
ACTGGCCCTAAATTGGAAAAGTGTTGGAGTAGATCGTGGTCCCCCAAGGACCTCGAGATA
TGGCCCTTTTGGCTTCTGGTGGGGAAAACCCCCCTTTCCAAGGGTTTCACATTTTAAAAG
GAAACACTTCCCCCTGGTCAAAGATTGTTTCGCCCCATATTGGGGGGCTTCCCAGAGGTC
CCCCCGACCTCATCGTCGTTAAAAAACAATAAACGAAC
```

Restriction Sites: NotI-NotI

ACCN: NM_024506

Insert Size: 2500 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_024506.3, NP_078782.3

RefSeq Size: 2505 bp

RefSeq ORF: 1965 bp

Locus ID: 79411

UniProt ID: Q6UWU2

Cytogenetics:	2q35
Domains:	Glyco_hydro_35
Gene Summary:	Probable glycosyl hydrolase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compare to variant 1. Variants 1 and 2 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.