

Recombinant Full Length Human GLB1L Protein, GST-tagged

Cat. No. GLB1L-5309HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GLB1L full-length ORF (NP_078782.3, 1 a.a. - 654 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	654 amino acids
Description	GLB1L (Galactosidase Beta 1 Like) is a Protein Coding gene. Among its related pathways are Keratan sulfate/keratin metabolism and Glycosaminoglycan metabolism. GO annotations related to this gene include hydrolase activity, hydrolyzing O-glycosyl compounds and beta-galactosidase activity. An important paralog of this gene is GLB1.
Molecular Mass	100.6 kDa
AA Sequence	MAPKKLSCLRSLLLPLSLTLLLPQADTRSFFVDRGHDRFLLDGAPFRYVSGSLHYFR VPRVLWADRLLKMRWSGLNAIQFYVPWNYHEPQPGVYNFNGSRDLIAFLNEAALAN LLVILRPGPYICAEWEMGGLPSWLLRKPEIHLRTSDPDFLAAVDSWFKVLLPKIYPWL YHNGGNIISIQVENEYGSYRACDFSVMRHLAFLRALLGEKILLFTTDGPEGLKCGSL RGLYTTVDGFPADNMTKIFTLLRKYEPHGPLVNSEYYTGWLDYWGQNHSTRSVSAV TKGLENMLKLGASVNMVMFHHGVTNFGYWNGADKKGRFLPITTSYDYDAPISEAGDP TPKLFALRDVSKFQEVPLGPLPPSPKMMLGPVTLHLVGHLLAFLDLLCPRGPIHSIL PMTFEAVKQDHGFMLYRTYMTHTIFEPTPFWVPNNGVHDRAVMVDGVFQGVVER

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NMRDKLFLTGKLGSKLDILVENMGRLSFGSNSSDFKGLLKPPILGQTILTQWMMFPL
KIDNLVKWWFPLQLPKWPYPQAPSGPTFYSKTFPILGSVGDTFLYLPGWTKGQVWI
NGFNLGRYWTQGPQQTLVPRFLLFPRGALNKITLLELEDVPLQPQVQFLDKPILN
STSTLHRTTHINSLSADTLSASEPMELSGH

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name GLB1L galactosidase, beta 1-like [Homo sapiens]

Official Symbol GLB1L

Synonyms GLB1L; galactosidase, beta 1-like; beta-galactosidase-1-like protein; MGC10771;

Gene ID 79411

mRNA Refseq NM_024506

Protein Refseq NP_078782

UniProt ID Q6UWU2

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