

# Recombinant Full Length Human GLB1L Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human GLB1L full-length ORF ( NP_078782.3, 1 a.a. - 654 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	654 amino acids
<b>Description</b>	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.
<b>Molecular Mass</b>	100.6 kDa
<b>AA Sequence</b>	<pre> MAPKKLSCLRLLLLPLSLTLLLQADTRSFVDRGHDRFLLDGAPFRYVSGSLHYFR VPRVLWADRLLKMRWSGLNAIQFYVPWNYHEPQPGVYNFNNGSRDLIAFLNEAALAN LLVILRPGPYICAEWEMGGLPSWLLRKPEIHLRTSDPDFLAAVDSWFKVLLPKIYPWL YHNGGNIISIQVENEYGSYRACDFSVMRHLAGLFRALLGEKILLFTTDDGPEGLKCGSL RGLYTTVDFGPADNMTKIFTLLRKYEPHGPLVNSEYYTGWLDYWGQNHSTRSVSAV TKGLENMLKLGASVNMVMYMFHGGTNFGYWNGADKKGRFLPITTSYDYDAPISEAGDP TPKLFALRDVSKFQEVPLGPLPPPSPKMMLGPVTLHLVGHLLAFLDLLCPRGPIHSIL PMTFEAVKQDHFMLYRTHYMTHTIFEPTPFWVPPNNGVHDRAYVMVDGVFQGVVER </pre>

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NMRDKLFLTGKLGSKLDILVENMGRLSFGSNSSDFKGLLKPPILGQTILTQWMMFPL  
 KIDNLVKWWFPLQLPKWPYPQAPSGPTFYSKTFPILGSVGDTFLYLPGWTKGQVWI  
 NGFNLGRYWTKQGPQQTLYVPRFLLFPRGALNKITLLELEDVPLQPQVQFLDKPILN  
 STSTLHRTHINSLSADTLSASEPMELSGH

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GLB1L galactosidase, beta 1-like [ Homo sapiens ]
<b>Official Symbol</b>	GLB1L
<b>Synonyms</b>	GLB1L; galactosidase, beta 1-like; beta-galactosidase-1-like protein; MGC10771;
<b>Gene ID</b>	79411
<b>mRNA Refseq</b>	NM_024506
<b>Protein Refseq</b>	NP_078782
<b>UniProt ID</b>	Q6UWU2

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