

Recombinant Human GLB1, His-tagged

Cat. No. GLB1-13292H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLB1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	329-677a.a.
Description	GEMIN6 is part of a large macromolecular complex, localized to both the cytoplasm and the nucleus, that plays a role in the cytoplasmic assembly of small nuclear ribonucleoproteins (snRNPs). Other members of this complex include SMN (MIM 600354), GEMIN2 (SIP1; MIM 602595), GEMIN3 (DDX20; MIM 606168), GEMIN4 (MIM 606969), and GEMIN5 (MIM 607005).[supplied by OMIM, Jul 2002]
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	GLB1 galactosidase, beta 1 [Homo sapiens]
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Official Symbol	GLB1
Synonyms	GLB1; galactosidase, beta 1; elastin receptor 1 (67kD) , elastin receptor 1, 67kDa , ELNR1; beta-galactosidase; EBP; lactase; acid beta-galactosidase; elastin receptor 1, 67kDa; ELNR1; MPS4B;
Gene ID	2720
mRNA Refseq	NM_000404
Protein Refseq	NP_000395
MIM	611458
UniProt ID	P16278
Chromosome Location	3p22.3
Pathway	Galactose metabolism, organism-specific biosystem; Galactose metabolism, conserved biosystem; Glycosaminoglycan degradation, organism-specific biosystem; Glycosaminoglycan degradation, conserved biosystem; Glycosphingolipid biosynthesis - ganglio series, organism-specific biosystem; Glycosphingolipid biosynthesis - ganglio series, conserved biosystem; Glycosphingolipid metabolism, organism-specific biosystem;
Function	beta-galactosidase activity; cation binding; galactoside binding; hydrolase activity, hydrolyzing O-glycosyl compounds; protein binding;