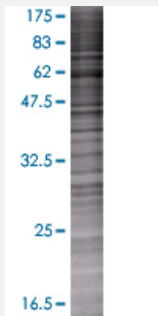


GLB1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002720-T01

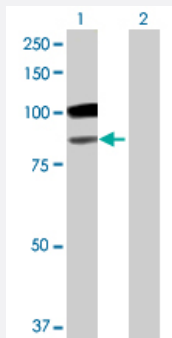
Size 100 uL

Applications



SDS-PAGE Gel

GLB1 transfected lysate.



Western Blot

Lane 1: GLB1 transfected lysate (74.58 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-GLB1 full-length

Host Human

Theoretical MW (kDa) 74.58

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GLB1 antibody ([H00002720-B01](#)) by Western Blots.

SDS-PAGE Gel

GLB1 transfected lysate.

Western Blot

Lane 1: GLB1 transfected lysate (74.58 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — GLB1

Entrez GeneID[2720](#)**GeneBank Accession#**[NM_000404.1](#)**Protein Accession#**[AAH07493.1](#)**Gene Name**

GLB1

Gene Alias

EBP, ELNR1

Gene Description

galactosidase, beta 1

Omim ID[230500 611458](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes beta-galactosidase-1, a lysosomal enzyme that hydrolyzes the terminal beta-galactose from ganglioside substrates and other glycoconjugates. Defects in this gene are the cause of GM1-gangliosidosis and Morquio B syndrome. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

elastin receptor 1, 67kDa

Pathway

- [Galactose metabolism](#)
- [Glycosaminoglycan degradation](#)
- [Glycosphingolipid biosynthesis - ganglio series](#)
- [Lysosome](#)

- [Metabolic pathways](#)
- [Other glycan degradation](#)
- [Sphingolipid metabolism](#)

Disease

- [Tobacco Use Disorder](#)