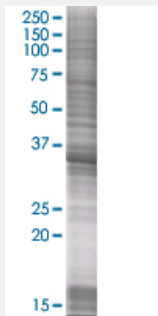


GNPTG 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00084572-T01

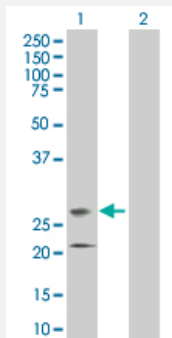
Size 100 uL

Applications



SDS-PAGE Gel

GNPTG transfected lysate.



Western Blot

Lane 1: GNPTG transfected lysate (31.57 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GNPTG full-length
Host	Human
Theoretical MW (kDa)	31.57
Interspecies Antigen Sequence	Mouse (80); Rat (79)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GNPTG antibody ([H00084572-B01](#)) by Western Blots.
SDS-PAGE Gel
GNPTG transfected lysate.
Western Blot
Lane 1: GNPTG transfected lysate (31.57 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 — GNPTG

Entrez GeneID

[84572](#)

GeneBank Accession#

[BC014592](#)

Protein Accession#

[AAH14592](#)

Gene Name

GNPTG

Gene Alias

C16orf27, GNPTAG, LP2537, RJD9

Gene Description

N-acetylglucosamine-1-phosphate transferase, gamma subunit

Omim ID

[252605 607838](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

UDP-N-acetylglucosamine:lysosomal-enzyme N-acetylglucosamine-1-phosphotransferase (GlcNAc-phosphotransferase) catalyzes the initial step in the synthesis of the mannose 6-phosphate determinant required for efficient intracellular targeting of newly synthesized lysosomal hydrolases to the lysosome. GlcNAc-phosphotransferase is an alpha-2/beta-2/gamma-2 hexameric complex, the enzyme product of 2 genes, 1 encoded by a gene on chromosome 16 (GNPTG) and the other by a gene on chromosome 12 (GNPTAB; MIM 607840).[supplied by OMIM]

Other Designations

GlcNAc-phosphotransferase gamma-subunit|N-acetylglucosamine-1-phosphotransferase, gamma subunit