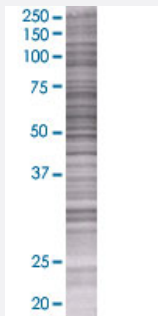


GALNS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002588-T01

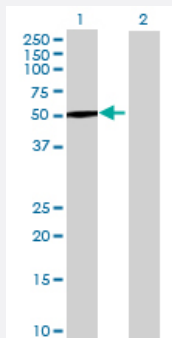
Size 100 uL

Applications



SDS-PAGE Gel

GALNS transfected lysate.



Western Blot

Lane 1: GALNS transfected lysate (57.53 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GALNS full-length
Host	Human
Theoretical MW (kDa)	57.53
Interspecies Antigen Sequence	Mouse (86); Rat (85)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GALNS antibody ([H00002588-B01](#)) by Western Blots.
 SDS-PAGE Gel
 GALNS transfected lysate.
 Western Blot
 Lane 1: GALNS transfected lysate (57.53 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 — GALNS

Entrez GeneID

[2588](#)

GeneBank Accession#

[NM_000512.3](#)

Protein Accession#

[NP_000503.1](#)

Gene Name

GALNS

Gene Alias

FLJ17434, FLJ42844, FLJ98217, GALNAC6S, GAS, MPS4A

Gene Description

galactosamine (N-acetyl)-6-sulfate sulfatase

Omim ID

[253000](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes N-acetylgalactosamine-6-sulfatase which is a lysosomal exohydrolase required for the degradation of the glycosaminoglycans, keratan sulfate, and chondroitin 6-sulfate. Sequence alterations including point, missense and nonsense mutations, as well as those that affect splicing, result in a deficiency of this enzyme. Deficiencies of this enzyme lead to Morquio A syndrome, a lysosomal storage disorder. [provided by RefSeq]

Other Designations

chondroitinase

Pathway

- [Glycosaminoglycan degradation](#)
- [Lysosome](#)
- [Metabolic pathways](#)

Disease

- [Tobacco Use Disorder](#)