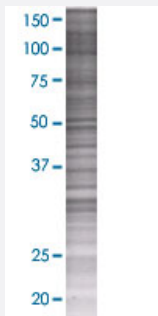


GNS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002799-T01

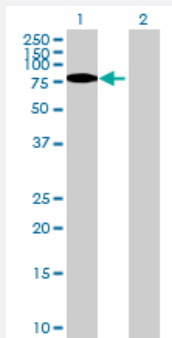
Size 100 uL

Applications



SDS-PAGE Gel

GNS transfected lysate.



Western Blot

Lane 1: GNS transfected lysate (60.83 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-GNS full-length

Host Human

Theoretical MW (kDa) 60.83

Quality Control Testing Transient overexpression cell lysate was tested with Anti-GNS antibody ([H00002799-B01](#)) by Western Blots.
SDS-PAGE Gel
GNS transfected lysate.
Western Blot
Lane 1: GNS transfected lysate (60.83 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 — GNS

Entrez GeneID[2799](#)**GeneBank Accession#**[NM_002076.2](#)**Protein Accession#**[NP_002067.1](#)**Gene Name**

GNS

Gene Alias

G6S, MGC21274

Gene Description

glucosamine (N-acetyl)-6-sulfatase

Omim ID[252940 607664](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The product of this gene is a lysosomal enzyme found in all cells. It is involved in the catabolism of heparin, heparan sulphate, and keratan sulphate. Deficiency of this enzyme results in the accumulation of undegraded substrate and the lysosomal storage disorder mucopolysaccharidosis type III D (Sanfilippo D syndrome). Mucopolysaccharidosis type IIID is the least common of the four subtypes of Sanfilippo syndrome. [provided by RefSeq]

Other Designations

N-acetylglucosamine-6-sulfatase|glucosamine-6-sulfatase

Pathway

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