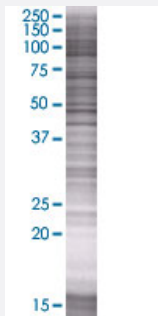


CHST8 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00064377-T01

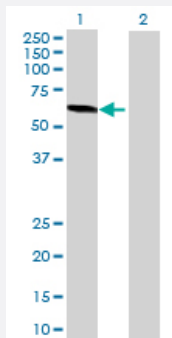
Size 100 uL

Applications



SDS-PAGE Gel

CHST8 transfected lysate.



Western Blot

Lane 1: CHST8 transfected lysate (46.75 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CHST8 full-length
Host	Human
Theoretical MW (kDa)	46.75
Interspecies Antigen Sequence	Mouse (85); Rat (85)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CHST8 antibody ([H00064377-B01](#)) by Western Blots.
 SDS-PAGE Gel
 CHST8 transfected lysate.
 Western Blot
 Lane 1: CHST8 transfected lysate (46.75 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 — CHST8

Entrez GeneID

[64377](#)

GeneBank Accession#

[NM_022467.3](#)

Protein Accession#

[NP_071912.2](#)

Gene Name

CHST8

Gene Alias

GALNAC4ST1, GalNAc4ST

Gene Description

carbohydrate (N-acetylgalactosamine 4-O) sulfotransferase 8

Omim ID

[610190](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Sulfate groups in carbohydrates confer highly specific functions on glycoproteins, glycolipids, and proteoglycans and are critical for cell-cell interaction, signal transduction, and embryonic development. Sulfotransferases, such as CHST8, carry out sulfation of carbohydrates (Hiraoka et al., 2001 [PubMed 11445554]).[supplied by OMIM]

Other Designations

GALNAC-4-ST1|GalNAc-4-O-sulfotransferase 1|N-acetylgalactosamine-4-O-sulfotransferase|carbohydrate sulfotransferase 8

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Tobacco Use Disorder](#)