

Product Information

MemDX™ Membrane Protein Human CHST1 (Carbohydrate sulfotransferase 1) Expressed in CHO for Antibody Discovery, Partial (24-411aa)

Cat. No.: **MPX0806K**

This product is for research use only and is not intended for diagnostic use.

This product is a 45 kDa Human CHST1 membrane protein expressed in CHO. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

CHST1

Protein Length

Partial (24-411aa)

Protein Class

Transferase

Molecular Weight

45 kDa

TMD

1

Sequence

RTFTAKSFHTCPGLAEAGLAERLCEESPTFAYNLSRK
THILILATTRSGSSFVGQLFNQHLDFYLFEPYHVQNTLIPRFTQGKSPADRRVMLGAS
RDLLRSLYDCDLYFLENYIKPPPVNHTTDRIFFRGASRVLCSPVCDPPGPADLVLEEGD
CVRKCGLLNLTVAEEACRERSHVAIKTVRVPEVNDLRALVEDPRLNLKVIQLVRDPRGIL
ASRSETFRDITYRLWRLWYGTGRKPYNLDVTQLTTVCEDFSNSVSTGLMRPPWLKGKMYMLV
RYEDLARNPMKKTEEIYGFLGIPLDSHVARWIQNNTRGDPTLGKHKYGTVRNSAATAEKW
RFRLSYDIVAFAQNACQQVLAQLGYKIAASEEELKNPSVSLVEERDFRPFS

Product Description

Activity

Yes

Expression Systems

CHO

Tag

6xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid

Endotoxin

<1.0 EU per 1 µg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Buffer

Supplied as a 0.2 µm filtered solution in Tris and NaCl.

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

CHST1

Full Name

Carbohydrate sulfotransferase 1

Introduction

This locus encodes a member of the keratin sulfotransferase family of proteins. The encoded enzyme catalyzes the sulfation of the proteoglycan keratin.

Alternative Names

CHST1; C6ST; KSST; GST-1; KS6ST; KSGal6ST; Keratan sulfotransferase; carbohydrate (chondroitin 6/keratan) sulfotransferase 1; carbohydrate (keratan sulfate Gal-6) sulfotransferase 1; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 1; Carbohydrate sulfotransferase 1

Gene ID

[8534](#)

UniProt ID

[O43916](#)