

Product Information

MemDX™ Membrane Protein Human CHST1 (Carbohydrate sulfotransferase 1) Full Length

Cat. No.: **MPC4321K**

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

This product is a made-to-order Human CHST1 membrane protein expressed in HEK293. 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

Full length

Protein Class

Transferase

TMD

1

Sequence

MQCSWKAVLLALASIAIQYTAIRFTAKSFHTCPGLAEAGLAERLCEES
PTFAYNLSRKTHILILATTRSGSSFVGQLFNQHLDFYLFEPYHVQNTL
IPRFTQGKSPADRRVMLGASRDLLRSLYDCDLYFLENYIKPPPVNHTTDR
IFRRGASRVLCSPVCDPPGPADLVLEEGDCVRKCGLLNLTVAEEACRER
SHVAIKTVRVPEVNDLRALVEDPRLNLKVIQLVRDPRGILASRSETFRDT
YRLWRLWYGTGRKPYNLDVTQLTTVCEDFSNSVSTGLMRPPWLKGKMYMLV
RYEDLARNPMKKTEEIYGFLGIPLDSHVARWIQNNTRGDPTLGKHKGTV
RNSAATAEKWRFRLSYDIVAFAQNACQQVLAQLGYKIAASEEELKNPSVS
LVEERDFRPFS

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°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](#)