

Product Information

MemDX™ Membrane Protein Human CHST10 (Carbohydrate sulfotransferase 10) for

Antibody Discovery

Cat. No.: **MP0503J**

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

This product is a 42 kDa Human CHST10 membrane protein expressed in HEK293T. 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

CHST10

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

42 kDa

TMD

1

Sequence

MHHQWLLLAACFWVIFMFMVASKFITLTFKDPDVYSAKQEFLFLTTMPEVRKLP EEKHIPEELKPTGKEL
PDSQLVQPLVYMERLELIRNVCRRDDALKNLSHTPVSKFVLDRIFVCDKHKILFCQTPKVGNTQWKKVLIV
LNGAFSSIEEIPENVVHDHEKNGLPRLSSFSDAEIQKRLKTYFKFFIVRDPFERLISAFKDKFVHNPRFE
PWYRHEIAPGIIRKYRRNRTETRGIQFEDFVRYLGDPNHRWLDLQFGDHIHWVITYVELCAPCEIMYSVI
GHHTLEDDAPYILKEAGIDHLVSYPTIPPGITVYNRTKVEHYFLGISKRDIRRLYARFEGDFKLFQYQK
PDFLLN

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

CHST10

Full Name

Carbohydrate sulfotransferase 10

Introduction

This protein encoded by this gene transfers sulfate to the C-3 hydroxyl of terminal glucuronic acid of protein- and lipid-linked oligosaccharides. This protein was first identified as a sulfotransferase that acts on the human natural killer-1 (HNK-1) glycan; HNK-1 is a carbohydrate involved in neurodevelopment and synaptic plasticity.

Alternative Names

HNK1ST; HNK-1ST

Gene ID

[9486](#)

UniProt ID

[O43529](#)