

Product Information

MemDX™ Membrane Protein Human UST (Uronyl 2-sulfotransferase) Full Length

Cat. No.: **MPC4578K**

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

This product is a made-to-order Human UST 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

UST

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MKKKQQHPGGGADPWPHGAPMGGAPPGLGSWKRRVPLLPFLRFSLRDYGF
CMATLLVFCLGSLLYQLSGGPPRFLDLRQYLGNSTYLDHGGPPPSKVLP
FPSQVVYNRVGKCGSRTVVLLLRILSEKHGFNLVTSDIHNKTRLTKNEQM
ELIKNISTAEQPYLFRHVHFLNFSRFGGDQPVYINIIRDPVNRFLSNYF
FRRFGDWRG EQNHMIRTPSMRQEERYLDINECILENYECSNPRLFYIIP
YFCGQHPRCREPGEWALERAKLVNENFLLVGILEELEDVLLLLERFLPH
YFKGVLSIYKDPEHRKLGNMVTVKKTVPSPEAVQILYQRMRYEYEFYHY
VKEQFHLLKRKFGKSHVSKPPLRPFFIPTLETEEPIDDEEQDDEKWL
EDIYKR

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**

UST

Full Name

Uronyl 2-sulfotransferase

Introduction

Uronyl 2-sulfotransferase transfers sulfate to the 2-position of uronyl residues, such as iduronyl residues in dermatan sulfate and glucuronyl residues in chondroitin sulfate.

Alternative Names

UST; 2OST; dermatan/chondroitin sulfate 2-sulfotransferase; Uronyl 2-sulfotransferase

Gene ID

[10090](#)

UniProt ID

[Q9Y2C2](#)