

Product Information

MemDX™ Membrane Protein Human UXS1 (UDP-glucuronate decarboxylase 1) Full Length

Cat. No.: **MPC3547K**

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

This product is a made-to-order Human UXS1 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

UXS1

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MVSKALLRLVSAVNRRRMKLLGLLAYVASVWGNFVNMRSIQENGELK
IESKIEEMVEPLREKIRDLEKSFTQKYPPVKFLSEKDRKRILITGGAGFV
GSHLTDKLMMDGHEVTVDNFFTGRKRNVHEHWIGHENFELINHDVVEPLY
IEVDQIYHLASPPPNMYNPIKTLKTNLTIGTLNMLGLAKRVGARLLLA
STSEVYGDPEVHPQSEDYWGHVNPIGPRACYDEGKRVAETMCYAYMKQEG
VEVRVARIFNTFGPRMHMNDGRVVSFILQALQGEPLTVYSGSQTRAFQ
YVSDLVNLVALMNSNVSSPVNLGNPEEHTILEFAQLIKNLVSGSGSEIQF
LSEAQDDPQKRKPDIKKAKLMLGWEPVVPLEEGLNKAIHYFRKELEYQAN
NQYIPKPKPARIKKGRTRHS

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**

UXS1

Full Name

UDP-glucuronate decarboxylase 1

Introduction

This gene encodes an enzyme found in the perinuclear Golgi which catalyzes the synthesis of UDP-xylose used in glycosaminoglycan (GAG) synthesis on proteoglycans. The GAG chains are covalently attached to proteoglycans which participate in signaling pathways during development. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

UXS1; UGD; SDR6E1; UXS-1; short chain dehydrogenase/reductase family 6E, member 12; UDP-glucuronate decarboxylase 1

Gene ID

[80146](#)

UniProt ID

[Q8NBZ7](#)