

Product Information

MemDX™ Membrane Protein Human SLCO2A1 (Solute carrier organic anion transporter family member 2A1) Full Length

Cat. No.: **MPC0934K**

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

This product is a 70 kDa Human SLCO2A1 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

SLCO2A1

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

70 kDa

TMD

12

Sequence

MGLLPKLGASQGSdTSTSRAGRCARSVFGNIKVFLCQGLLQLCQLLYSA
YFKSSLTTIEKRFLSSSSSSGLISSLNEISNAILIIFVSYFGSRVHRPRL
IGIGGLFLAAGAFILTLPHFLSEPYQYTLASTGNNSRLQAELCQKHWQDL
PPSKCHSTTQNPQKETSSMWGLMVVAQLLAGIGTVPIQPFGISYVDDFSE
PSNSPLYISILFAISVFGPAFGYLLGSVMLQIFVDYGRVNTAAVNLPVPGD
PRWIGAWWLGLLISSALLVLTSPFFFFPRAMPIGAKRAPATADEARKLE
EAKSRGSLVDFIKRFPCIFLRLLMNSLFVLVLAQCTFSSVIAGLSTFLN
KFLEKQYGTSAAYANFLIGAVNLPAAALGMLFGGILMKRFVFSLQAIPRI
ATTITISMILCVPLFFMGCSTPTVAEVYPPSTSSSIHPQSPACRRDCSC
PDSIFHPVCGDNGIEYLSPCHAGCSNINMSSATSKQLIYLNCSCTGGSA
SAKTGSCPVPACAHFLLPAIFLISFVSLIACISHNPLYMMVLRVVNQEEKS
FAIGVQFLLMRLLAWLPSPALYGLTIDHSCIRWNSLCLGRRGACAYYDND
ALRDRYLGLQMGYKALGMLLLCFISWRVKKNKEYNVQKAAGLI

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

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

SLCO2A1

Full Name

Solute carrier organic anion transporter family member 2A1

Introduction

This gene encodes a prostaglandin transporter that is a member of the 12-membrane-spanning superfamily of transporters. The encoded protein may be involved in mediating the uptake and clearance of prostaglandins in numerous tissues.

Alternative Names

PGT; MATR1; PHOAR2; OATP2A1; SLC21A2; solute carrier organic anion transporter family member 2A1; matrin F/G 1; solute carrier family 21 (prostaglandin transporter), member 2; SLCO2A1; Solute carrier organic anion transporter family member 2A1

Gene ID

[6578](#)

UniProt ID

[Q92959](#)