

Product Information

MemDX™ Membrane Protein Human SLC22A9 (Solute carrier family 22 member 9) for Antibody Discovery

Cat. No.: **MP1174X**

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

This product is a 52.9 kDa Human SLC22A9 membrane protein expressed in *In vitro* wheat germ expression system. 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

SLC22A9

Protein Length

Full-length

Molecular Weight

52.9 kDa

TMD

12

Sequence

MAFQDLLGHAGDLWRFQILQTVFLSIFAVATYLFHMLENFTAFIPGHCWVHILDNDTVSDNDTGALSQDALLRISIPLDSNMREPKO

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Protein Format

Liposome

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

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

Target

Target Protein

SLC22A9

Full Name

Solute carrier family 22 member 9

Introduction

Sodium-independent organic anion transporter which exhibits high specificity for sulfated conjugates of xenobiotics and steroid hormones. It is also specifically activated by 3 to 5 carbons-containing short-chain fatty acids/SCFAs, including propionate, butyrate and valerate. May operate the exchange of sulfated organic components against short-chain fatty acids/SCFAs at the sinusoidal membrane of hepatocytes.

Alternative Names

OAT4; OAT7; ust3; HOAT4; UST3H; solute carrier family 22 member 9; organic anion transporter 4; organic anion transporter 7; solute carrier family 22 (organic anion transporter), member 9; solute carrier family 22 (organic anion/cation transporter), member 9

Gene ID

[114571](#)

UniProt ID

[Q8IVM8](#)