

Product Information

MemDX™ Membrane Protein Human SLC22A3 (Solute carrier family 22 member 3)

Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3631K**

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

This product is a Human SLC22A3 membrane protein expressed *in vitro* *E.coli* 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

SLC22A3

Protein Length

Full Length

Protein Class

Transport

TMD

7

Sequence

MPSFDEALQRVGEFGRFQRRVFLLLCLTGVTFAFLFVGVFLGTQPDHYCRGPSAAALAERCGWSPEEEWNRTAPASRGPEPP

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SLC22A3

Full Name

Solute carrier family 22 member 3

Introduction

Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. This gene is one of three similar cation transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a plasma integral membrane protein.

Alternative Names

SLC22A3; EMT; EMTH; OCT3; EMT organic cation transporter 3; extraneuronal monoamine transporter; organic cation transporter 3; solute carrier family 22 (extraneuronal monoamine transporter), member 3; solute carrier family 22 (organic cation transporter), member 3; Solute carrier family 22 member 3

Gene ID

[6581](#)

UniProt ID

[O75751](#)