

# Product Information

## MemDX™ Membrane Protein Human SLC22A11 (Solute carrier family 22 member 11) Full Length

Cat. No.: **MPC0768K**

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

This product is a 59.9 kDa Human SLC22A11 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

SLC22A11

#### Protein Length

Full length

#### Protein Class

Transporter

#### Molecular Weight

59.9 kDa

#### TMD

12

#### Sequence

MAFSKLLLEQAGGVGLFQTLQVLTFILPCLMIPSQMLLENFSAAIPGHRCW  
THMLDNGSAVSTNMTPKALLTISIPPGPNQGPHQCRRFRQPQWQLDPNA  
TATSWSEADTEPCVDGWVYDRSVFTSTIVAKWDLVCSSQGLKPLSQSIFM  
SGILVGSFIWGLLSYRFGRKPMLSWCCLQLAVAGTSTIFAPT FVIYCGLR  
FVAAFGMAGIFLSSLTLMVEWTTTSRRRAVTMTVVGCAFSAGQAALGGLAF  
ALRDWRTLQLAASVPFFAISLISWWLPESARWLIKKGKPDQALQELRKVA  
RINGHKEAKNLTIEVLMSSVKEEVASAKEPRSVLDLFCVPVLRWRSCAML  
VVNFSLLISYYGLVFDLQSLGRDIFLLQALFGAVDFLGRATTALLSFLG  
RRTIQAGSQAMAGLAILANMLVPQDLQTLRVVFAVLGKGCFGISLTCLTI  
YKAELFPTPVRMTADGILHTVGRLGAMMGPLILMSRQALPLLPPLLYGVI  
SIASSLVVLFLLPETQGLPLPDTIQDLESQKSTAAQGNRQEAVTVESTSL

### 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**

SLC22A11

**Full Name**

Solute carrier family 22 member 11

**Introduction**

The protein encoded by this gene is involved in the sodium-independent transport and excretion of organic anions, some of which are potentially toxic. The encoded protein is an integral membrane protein and is found mainly in the kidney and in the placenta, where it may act to prevent potentially harmful organic anions from reaching the fetus. Alternative splicing results in multiple transcript variants.

**Alternative Names**

OAT4; hOAT4; solute carrier family 22 member 11; organic anion transporter 4; solute carrier family 22 (organic anion/cation transporter), member 11; solute carrier family 22 (organic anion/urate transporter), member 11; SLC22A11; Solute carrier family 22 member 11

**Gene ID**

[55867](#)

**UniProt ID**

[Q9NSA0](#)