

Product Information

MemDX™ Membrane Protein Human SMDT1 (Single-pass membrane protein with aspartate rich tail 1) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX0989K**

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

This product is a Human SMDT1 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

SMDT1

Protein Length

Full Length of Mature Protein

Protein Class

Transport

TMD

1

Sequence

VIVTRSGAILPKPVKMSFGLLRVFSIVIPFLYVGTLSKNFAALLEEHDIFVPEDDDDDD

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

SMDT1

Full Name

Single-pass membrane protein with aspartate rich tail 1

Introduction

This gene encodes a core regulatory component of a calcium channel in the mitochondrial inner membrane.

Alternative Names

SMDT1; DDDD; EMRE; C22orf32; essential MCU regulator, mitochondrial; UPF0466 protein C22orf32, mitochondrial; single-pass membrane protein with aspartate-rich tail 1, mitochondrial; Single-pass membrane protein with aspartate rich tail 1

Gene ID

[91689](#)

UniProt ID

[Q9H4I9](#)