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Product Information

MemDX™ Membrane Protein Human TRPV3 (Transient receptor potential cation channel subfamily V member 3) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX2878K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human TRPV3 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
TRPV3

Protein Length
Full Length

Protein Class
Ion channel, Transport

TMD
6

Sequence
MKAHPKEMVPLMGKRVAAPSGNPAILPEKRPAEITPTKKSAHFFLEIEGFEPNPTVAKTSPPVFSKPMDSNIRQCISGNCDDMDSPQ

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

TRPV3

Full Name

Transient receptor potential cation channel subfamily V member 3

Introduction

This gene product belongs to a family of nonselective cation channels that function in a variety of processes, including temperature sensation and vasoregulation. The thermosensitive members of this family are expressed in subsets of sensory neurons that terminate in the skin, and are activated at distinct physiological temperatures. This channel is activated at temperatures between 22 and 40 degrees C. This gene lies in close proximity to another family member gene on chromosome 17, and the two encoded proteins are thought to associate with each other to form heteromeric channels. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

TRPV3; OLMS; VRL3; OLMS1; FNEPPK2; VRL-3; vanilloid receptor-like 3; vanilloid receptor-related osmotically activated channel protein; Transient receptor potential cation channel subfamily V member 3

Gene ID

162514

UniProt ID

Q8NET8

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