

Product Information

MemDX™ Membrane Protein Human TRPV3, His tag

Cat. No.: **MP1491F**

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

This product is recombinant Human TRPV3 membrane protein. 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

Product Description

Tag

His tag

Storage

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

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

OLMS; VRL3; OLMS1; FNEPPK2; VRL-3; vanilloid receptor-like 3; vanilloid receptor-related osmotically activated channel protein

Gene ID

[162514](#)

UniProt ID

[Q8NET8](#)