

Product Information

MemDX™ Membrane Protein Human TRPA1 (Transient receptor potential cation channel subfamily A member 1) Expressed in *E.coli* with 6xHis and SUMO tag at the N-terminus for Antibody Discovery, Partial (957-1119aa)

Cat. No.: **MPX4637K**

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

This product is a 35.2kDa Human TRPA1 membrane protein expressed in *E.coli*. 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

TRPA1

Protein Length

Partial (957-1119aa)

Protein Class

Transporter; Ion channel

Molecular Weight

35.2kDa

TMD

6

Sequence

IGLAVGDIAEVQKHASLKRIAMQVELHTSLEKKLPLWFLRKVDQKSTIVYPNKP RSGGMLFHIFCFLFCTGEIRQEIPNADKSLEMEILK

Product Description

Expression Systems

E.coli

Tag

6xHis and SUMO tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

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**

TRPA1

Full Name

Transient receptor potential cation channel subfamily A member 1

Introduction

The structure of the protein encoded by this gene is highly related to both the protein ankyrin and transmembrane proteins. The specific function of this protein has not yet been determined; however, studies indicate the function may involve a role in signal transduction and growth control.

Alternative Names

TRPA1; FEPS; FEPS1; ANKTM1; ankyrin-like with transmembrane domains 1; transformation-sensitive protein p120; wasabi receptor; Transient receptor potential cation channel subfamily A member 1

Gene ID

[8989](#)

UniProt ID

[Q75762](#)