

Product Information

MemDX™ Membrane Protein Human TRPA1 (Transient receptor potential cation channel subfamily A member 1) Full Length

Cat. No.: **MPC1028K**

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

This product is a 127.5 kDa Human TRPA1 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

TRPA1

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

127.5 kDa

TMD

6

Sequence

MKRSRLRMWRPGEKKEPQGVVYEDVPDDTEDFKESLKVVFEGSAYGLQNF
NKQKKLKRCDMDTFFLHYAAAEGQIELMEKITRDSSLEVLHEMDDYGNT
PLHCAVEKNQIESVKFLLSRGANPNLRNFMNMAPLHIAVQGMNNEVMKVL
LEHRTIDVNLEGENGNTAVIIACTTNNSEALQILLKKGAKPCKSNKWGCF
PIHQAAFSGSKECMEIILRFGEHGYSRQLHINFMNNGKATPLHLAVQNG
DLEMIMCLDNGAQIDPVEKGRCTAIHFAATQGATEIVKLMISSYSGSVD
IVNTTDGCHETMLHRASLFDHHELADYLISVGADINKIDSEGRSPLILAT
ASASWNIVNLLLSKGAQVDIKDNFGRNFLHTVQQPYGLKNLRPEFMQMQ
QIKELVMDEDNDGCTPLHYACRQGGPGSVNNLLGFNVSIHSSKDKKSPL
HFAASYGRINTCQRLLQDISDTRLLNEGDLHGMPHLAANKNGHDKVVQL
LLKKGALFLSDHNGWTALHSHASMGGYTQTMKVILDTNLKCTDRLDEDGNT
ALHFAAREGHAKAVALLLSHNADIVLNKQASFLHLALHNKRKEVVLTII
RSKRWDECLKIFSHNSPGNKPITEMIEYLPECMKVLLDFCMLHSTEDKS
CRDYYIEYNFKYLQCPLEFTKKTPTQDVIYEPLTALNAMVQNNRIELLNH
PVCKEYLLMKWLAYGFRAHMMNLGSYCLGLIPMTILVVNIKPGMAFNSTG
IINETS DHSEILD TTNSYLIKTCMILVFLSSIFGYCKEAGQIFQQKRNYF
MDISNVLEWIIYTTGIIFVLPLFVEIPAHLQWQCGAIAVYFYWMNFLLYL
QRFENCGIFIVMLEVILKTLRSTVVFI LLAFGLSFYILLNLQDPFSS
PLLSIIQTFSMMLGDINYRESFLEPYLRNELAHPVLSFAQLVSFTIFVPI

VLMNLLIGLAVGDIAEVQKHASLKRIAMQVELHTSLEKKLPLWFLRKVDQ
KSTIVYPNKPRSGGMLFHIFCFLFCTGEIRQEIPNADKSLEMEILKQKYR
LKDLTFLLEKQHELIKLIQKMEISETEDDDSHCSFQDRFKKEQMEQRN
SRWNTVLRAVKAKTHHLEP

Product Description

Expression Systems

HEK293

Tag

MBP tag at N-terminal

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 -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

[O75762](#)