

Product Information

MemDX™ Membrane Protein Human TMEM120A (Transmembrane protein 120A)

Cat. No.: **MP0027J**

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

This product is a 40.4 kDa Human TMEM120A membrane protein expressed in HEK293T. 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

TMEM120A

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

40.4 kDa

TMD

6

Sequence

MQPPPPGPLGDCLRDWEDLQQDFQNIQETHRLYLRLKLEELTKLQNNCTSSITRQKKRLQELALALKKCKP
SLPAEAEGAAQELNQMKERQGLFFDMEAYLPKKNGLYLSVLGNVNVTLSSKQAKFAYKDEYEKFKLYL
TIILILISFTCRLLNSRVTDAAFNFLVWYYCTLTIREILINNGSRIKGWWVFHHYVSAFLSGVMLTW
PDGLMYQKFRNQFLSFSMYQSFVQLQYYYQSGCLYRLRALGERHTMDLTVEGFQSWMWRLTFLLPFLF
FGHFWQLFNALTFLNLAQDPQCKEWQVLMCGFPFLLLFLGNFFTLRVVHHKFHSQRHGSKKD

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Powder

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target**Target Protein**

TMEM120A

Full Name

Transmembrane protein 120A

Introduction

Ion channel involved in sensing mechanical pain. Contributes to mechanosensitive currents in nociceptors and detecting mechanical pain stimuli (By similarity). May also be required for efficient adipogenesis.

Alternative Names

NET29; TMPIT; ion channel TACAN; transmembrane protein induced by tumor necrosis factor alpha

Gene ID

[83862](#)

UniProt ID

[Q9BXJ8](#)