

Product Information

MemDX™ Membrane Protein Human TMEM70 (Transmembrane protein 70) Full Length

Cat. No.: **MPC1488K**

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

This product is a 28.9 kDa Human TMEM70 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

TMEM70

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

28.9 kDa

TMD

2

Sequence

MLFLALGSPWAVELPLCGRRALCAAAAALRGPRASVSRASSSSGPGSPVA
GWSTGPSGAARLLRRPGRAQIPVYWEGYVRFLNTPSDKSEDGRLIYTGNM
ARAVFGVKCFSYSTSLIGLTFLLPYIFTQNNAISESVPLPIQIIFYGIMGS
FTVITPVLHFFITKGYVIRLYHEATTDYKAITYNAMLAETSTVFHQNDV
KIPDAKHVFTTFYAKTKSLLVNPVLPNREDYIHLMGYDKEEFILYMEET
SEEKRHKDDK

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

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**

TMEM70

Full Name

Transmembrane protein 70

Introduction

This gene likely encodes a mitochondrial membrane protein. The encoded protein may play a role in biogenesis of mitochondrial ATP synthase. Mutations in this gene have been associated with neonatal mitochondrial encephalocardiomyopathy due to ATP synthase deficiency. Alternatively spliced transcript variants have been described.

Alternative Names

TMEM70; MC5DN2; transmembrane protein 70, mitochondrial; Transmembrane protein 70

Gene ID

[54968](#)

UniProt ID

[Q9BUB7](#)