

Product Information

MemDX™ Membrane Protein Human TMEM70 (Transmembrane protein 70)

Cat. No.: **MP0034J**

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

This product is a 28.8 kDa Human TMEM70 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

TMEM70

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

28.8 kDa

TMD

2

Sequence

MLFLALGSPWAVELPLCGRRTALCAAAALRGPRASVSRASSSSGPGSPVAGWSTGPSGAARLLRRPGRAQ
IPVYWEGYVRFNLTPSDKSEDGRLIYTGNMARAVFGVKCFSTSLIGLTFLPYIFTQNNAISESVPLPI
QIIFYGIMGSFTVITPVLLHFITKGYVIRLYHEATTDITYKAITYNAMLAETSTVFHQNDVKIPDAKHVFT
TFYAKTKSLLVNPVLFNREDYIHLMGYDKEEFILYMEETSEEKRHKDDK

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**

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

MC5DN2

Gene ID

[54968](#)

UniProt ID

[Q9BUB7](#)