

Product Information

MemDX™ Membrane Protein Human TMEM132A (Transmembrane protein 132A)

Cat. No.: **MP0051J**

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

This product is a 110 kDa Human TMEM132A 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

TMEM132A

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

110 kDa

TMD

1

Sequence

MCARMAGRRTTAAPRGYPYGPWLCLLVALALDVVRVDCGQAPLDPVYLPAALELLDAPEHFRVQQVGHYP
PAAEGLPGGCGSGEENDPGEQALPVGGVELRPADPPQYQEVPLDEAVTLRVPDMPVRPGQLFSATLLLRHN
FTASLLTLRIKVKKGLHVTAAARPAQPTLWTAKLDRFKGSRHHTTLITCHRAGLTEPDSSSPLELSEFLWV
DFVVENSTGGGVAVTRPVTWQLEYPGQAPAEKDKMVWEILVSRDIRALIPLAKAEELVNTAPLTGVPQ
HVPVRLVTVDDGGALVEVTEHVGESANTQVLQVSEACDAVAVAGKESRGARGVRVDFWWRRLRASRLT
VWAPLLPLRIELTDTTLEQVRGWRVPGPAEGPAEPAAEASDEAERRARGCHLQYQRAGVRFLAPFAAHP
DGGRRLLTHLLGPDWLLDVSHLVAPHARVLDNRVASLEGGRVVVGREPGVTSIEVRSPLSDSILGEQALAV
TDDKVSLELRLVQPMGISLTLSRGTAPHPGEVTATCWAQSALPAPKQEVALSLWLSFSDHTVAPAEYDR
RDLGLSVSAEPPGAILPAEEQGAQLGVVVSAGAGAEGLPLHVALHPPEPCRRGRHRVPLASGTAWLGLPPA
STPAPALPSSPAWSPPATEATMGGRQVAGSVGGNTGVRGKFERAEEEEARKEETEAREEEEEEMVPA
PQHVTLELGMYALLGVFCVAIFIFLVNGVVFVLRVYQRKEPPDSATDPTSPQPHNWWVLGTDQEELSRQL
DRQSPGPPKGECSGPCESGGGGEAPTLPAGPPGGTTSSSSSTLARKEAGGRRKRVEFVTFAPAPPAQSPEE
PVGAPAVQSILVAGEEDIRWVCEDMGLKDPEELRNYMERIRGSS

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

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**

TMEM132A

Full Name

Transmembrane protein 132A

Introduction

This gene encodes a protein that is highly similar to the rat Grp78-binding protein (GBP). Alternatively spliced transcript variants encoding different isoforms have been described.

Alternative Names

GBP; HSPA5BP1; GRP78-binding protein; HSPA5-binding protein 1; glucose-regulated protein, 78kDa; heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa) binding protein 1; heat shock 70kDa protein 5 binding protein 1

Gene ID

[54972](#)

UniProt ID

[Q24JP5](#)