

Product Information

MemDX™ Membrane Protein Human DNAJB12 (DnaJ heat shock protein family (Hsp40) member B12)

Cat. No.: **MP0294J**

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

This product is a 41.7 kDa Human DNAJB12 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

DNAJB12

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

41.7 kDa

TMD

1

Sequence

MESNKDEAERCISIALKAIQSNQPDRALRFLEKAQRLYPTPRVRALIESLNQKPQTAGDQPPPTDTTHAT
HRKAGGTDAPSANGEAGGESTKGYTAEQVAAVKRVKQCKDYYEILGVSRGASDEDLKKAYRRRLALKFHPD
KNHAPGATEAFKAIGTAYAVLSNPEKRKQYDQFGDDKSQAARHGHGHGDFHRGFEADISPEDLFNMFFGG
GFPSSNVHVYSNGRMRYTYQQQRQDRDNQGDGLGVFQLMPILILILVSALSQLMVSSPPYSLSPRPSV
GHIHRRVTDHLGVVVVVGDTFSEETGSSLKTVERNVEDDYIANLRNNCWKEKQQKEGLLYRARYFGDTD
MYHRAQKMGTPSCSRLSEVQASLHG

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**

DNAJB12

Full Name

DnaJ heat shock protein family (Hsp40) member B12

Introduction

DNAJB12 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain.

Alternative Names

DJ10

Gene ID

[54788](#)

UniProt ID

[Q9NXW2](#)