

# Product Information

## MemDX™ Membrane Protein Human DNAJC1 (DnaJ heat shock protein family (Hsp40) member C1) Full Length

Cat. No.: **MPC4322K**

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

This product is a made-to-order Human DNAJC1 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

DNAJC1

#### Protein Length

Full length

#### Protein Class

Receptor

#### TMD

1

#### Sequence

MTAPCSQPAQLPGRRLGLVPFPPPPRTPLLWLLLLLLAAVAPARGWES  
GDLELFDLVEEVQLNFYQFLGVQQDASSADIRKAYRKLSLTLHPDKNKDE  
NAETQFRQLVAIYEVLKDDERRQRYDDILINGLPDWRQPVFYRRVRKMS  
NAELALLLFIILTVGHYAVVWSIYLEKQLDELLSRKKREKKKKTGSKSVD  
VSKLGASEKNERLLMKPQWHDLLPCKLGIWFCLTLKALPHLIQDAGQFYA  
KYKETRLKEKEDALTRTELETQKQKKVKKPKPEFPVYTPLETTYIQSYD  
HGTSIEEIEEQMDDWLENRNRTQKKQAPEWTEEDLSQLTRSMVKFPGGTP  
GRWEKIAHELGRSVTDVTTKAKQLKDSVTCSPGMVRLSELKSTVQNSRPI  
KTATTLPDMMITQREDAEGVAAEEEQEGDSGEQETGATDARPRRRKPARL  
LEATAKPEPEEKSRAKRQKDFDIAEQNESSDEESLRKERARSAEEPWTQN  
QQKLLELALQQYPRGSSDRWDKIARCVPSKSKEDCIARYKLLVELVQKKK  
QAKS

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

**Protein Format**

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

DNAJC1

**Full Name**

DnaJ heat shock protein family (Hsp40) member C1

**Introduction**

The membrane protein encoded by this gene is a DNAJ-like heat shock protein that binds the molecular chaperone BiP. In addition, the encoded protein contains two SANT domains that have been shown to bind serpin alpha1-antichymotrypsin and inter-alpha trypsin inhibitor heavy chain 4.

**Alternative Names**

DNAJC1; HTJ1; MTJ1; ERdj1; DNAJL1; dnaJ homolog subfamily C member 1; DnaJ (Hsp40) homolog, subfamily C, member 1; DnaJ-like protein; dnaJ protein homolog MTJ1; DnaJ heat shock protein family (Hsp40) member C1

**Gene ID**

[64215](#)

**UniProt ID**

[Q96KC8](#)