

## Product datasheet for **TP320679L**

### **DNAJB12 (NM\_017626) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human Dnaj (Hsp40) homolog, subfamily B, member 12 (DNAJB12), transcript variant 2, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC220679 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MESNKDEAERCISIALKAIQSNQPDRALRFLEKAQRLYPTPRVRALIESLNQKPQTAGDQPPPTDTHAT  
HRKAGGTDAPSANGEAGGESTKGYTAEQVAAVKRVKQCKDYIEILGVSARGASDEDLKKAYRRALKFHPD  
KNHAPGATEAFKAIGTAYAVLSNPEKRKQYDQFGDDKSQAARHGHGHGDFHRGFEADISPEDLFNMFFGG  
GFPSSNVHVYSNGRMRYTYQQRQDRRDNQGDGGLGVFVQLMPILILIVSALSQLMVSSPPYLSRPSV  
GHIHRRVTDHLGVVYVYVGDTFSEEYTGSSLKTVERNVEDDYIANLRNNCWKEKQQKEGLLYRARYFGD  
TD  
MYHRAQKMGTPSCSRLSEVQASLHG

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 41.7 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_060096](#)



[View online »](#)

Locus ID: 54788

UniProt ID: [Q9NXW2](#), [J3KPS0](#)

RefSeq Size: 3215

Cytogenetics: 10q22.1

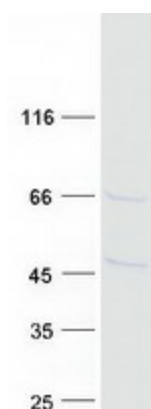
RefSeq ORF: 1125

Synonyms: DJ10

**Summary:** 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 (Ohtsuka and Hata, 2000 [PubMed 11147971]).[supplied by OMIM, Mar 2008]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified DNAJB12 protein (Cat# [TP320679]). The protein was produced from HEK293T cells transfected with DNAJB12 cDNA clone (Cat# [RC220679]) using MegaTran 2.0 (Cat# [TT210002]).