

## Product datasheet for TP320679

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220679 protein sequence Red=Cloning site Green=Tags(s)

MESNKDEAERCISIALKAIQSNQPDRALRFLEKAQRLYPTPRVRALIESLNQKPQTAGDQPPPTDTHAT  
HRKAGGTDAPSANGEAGGESTKGYTAEQVAAVKRVKQCKDYIEILGVSARGASDEDLKKAYRRALKFHPD  
KNHAPGATEAFKAIGTAYAVLSNPEKRKQYDQFGDDKSQAARHGHGHGDFHRGFEADISPEDLFNMFFGG  
GFPSSNVHVYSNGRMRYTYQQRQDRRDNDQGDGGLGVFVQLMPILILIVSALSQLMVSSPPYLSRPSV  
GHIHRRVTDHLGVVYVYVGDTFSEEYTGSSLKTVERNVEDDYIANLRNNCWKEKQKQKEGLLYRARYFGD  
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:	<u>NP_060096</u>



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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]).