

Product datasheet for TP320679M

DNAJB12 (NM_017626) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Recombinant protein of human DnaJ (Hsp40) homolog, subfamily B, member 12 (DNAJB12), **Description:** transcript variant 2, 100 µg Species: Human **Expression Host:** HEK293T Expression cDNA Clone >RC220679 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s) MESNKDEAERCISIALKAIQSNQPDRALRFLEKAQRLYPTPRVRALIESLNQKPQTAGDQPPPTDTTHAT HRKAGGTDAPSANGEAGGESTKGYTAEQVAAVKRVKQCKDYYEILGVSRGASDEDLKKAYRRLALKFHPD KNHAPGATEAFKAIGTAYAVLSNPEKRKQYDQFGDDKSQAARHGHGHGDFHRGFEADISPEDLFNMFFGG GFPSSNVHVYSNGRMRYTYQQRQDRRDNQGDGGLGVFVQLMPILILILVSALSQLMVSSPPYSLSPRPSV GHIHRRVTDHLGVVYYVGDTFSEEYTGSSLKTVERNVEDDYIANLRNNCWKEKQQKEGLLYRARYFGDTD MYHRAQKMGTPSCSRLSEVQASLHG **TRTRPLEQKLISEEDLAANDILDYKDDDDKV** C-Myc/DDK Tag: 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 Recombinant protein was captured through anti-DDK affinity column followed by conventional **Preparation:** 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. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. NP 060096 RefSeq:



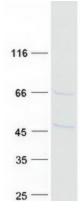
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Locus ID:	54788
UniProt ID:	Q9NXW2, J3KPS0
RefSeq Size:	3215
Cytogenetics:	10q22.1
RefSeq ORF:	1125
Synonyms:	DJ10
Summary:	DNAJB12 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by 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]).

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