

Product datasheet for TP320679

OriGene Technologies, Inc.

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

MESNKDEAERCISIALKAIQSNQPDRALRFLEKAQRLYPTPRVRALIESLNQKPQTAGDQPPPTDTTHAT HRKAGGTDAPSANGEAGGESTKGYTAEQVAAVKRVKQCKDYYEILGVSRGASDEDLKKAYRRLALKFHPD KNHAPGATEAFKAIGTAYAVLSNPEKRKQYDQFGDDKSQAARHGHGHGDFHRGFEADISPEDLFNMFFGG GFPSSNVHVYSNGRMRYTYQQRQDRRDNQGDGGLGVFVQLMPILILILVSALSQLMVSSPPYSLSPRPSV GHIHRRVTDHLGVVYYVGDTFSEEYTGSSLKTVERNVEDDYIANLRNNCWKEKQQKEGLLYRARYFGDTD

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





Locus ID: 54788

UniProt ID: Q9NXW2, J3KPS0

RefSeq Size: 3215
Cytogenetics: 10q22.1
RefSeq ORF: 1125
Synonyms: DJ10

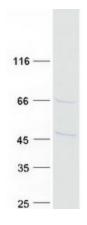
Summary: DNAJB12 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which

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]).