

Recombinant Human DNAJB12 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNAJB12-4114H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DNAJB12 MS Standard C13 and N15-labeled recombinant protein (NP_060096) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	41.9 kDa
AA Sequence	MESNKDEAERCISIALKAIQSNQPDRALRFLEKAQRLYPTPRVRALIESLNQKPQTAG DQPPPTDTTHATHRKAGGTDAPSANGEAGGESTKGYTAEQVAAVKRVKQCKDYIE ILGVSRGASDEDLKKAYRRLALKFHPDKNHAPGATEAFKAIGTAYAVLSNPEKRKQY DQFGDDKSQAARHGHGHGDFHRGFADISPEDLFNMFFGGGFPSSNVHVYSNGR MRYTYQQRQDRDNQGDGGLGVFVQLMPILILILVSALSQLMVSSPPYSLSPRPSV GHIHRRVTDHLGVVYYVGDTFSEEYTGSSLKTVERNVEDDYIANLRNNCWKEKQQK EGLLYRARYFGDMDMYHRAQKMGTTPSCSRLSEVQASLHGTRTRPLEQKLISEEDLA ANDILDYKDDDDKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

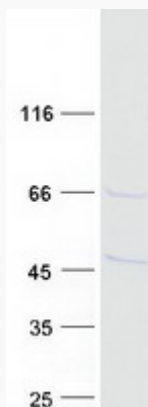
GENE INFORMATION

Gene Name	DNAJB12 DnaJ heat shock protein family (Hsp40) member B12 [Homo sapiens (human)]
Official Symbol	DNAJB12
Synonyms	DJ10; DJB12_HUMAN; DKFZp586B2023; DnaJ (Hsp40) homolog, subfamily B, member 12; DnaJ homolog subfamily B member 12; Dnajb12;
Gene ID	54788
mRNA Refseq	NM_017626
Protein Refseq	NP_060096
MIM	608376
UniProt ID	J3KPS0

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SDS-PAGE

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