

Recombinant Human DNAJB11 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNAJB11-2645H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DNAJB11 MS Standard C13 and N15-labeled recombinant protein (NP_057390) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a soluble glycoprotein of the endoplasmic reticulum (ER) lumen that functions as a co-chaperone of binding immunoglobulin protein, a 70 kilodalton heat shock protein chaperone required for the proper folding and assembly of proteins in the ER. The encoded protein contains a highly conserved J domain of about 70 amino acids with a characteristic His-Pro-Asp (HPD) motif and may regulate the activity of binding immunoglobulin protein by stimulating ATPase activity.
Molecular Mass	40.5 kDa
AA Sequence	MAPQNLSTFCLLLLYLIGAVIAGRDFYKILGVPRASIKDIKKAYRKLALQLHPDRNPD DPQAEKFQDLGAAYEVLSDSEKQYDYTYGEEGLKDGHQSSHGDIFSHFFGDFG FMFGGTTPRQQDRNIPRGSDIIVDLEVTLEEVYAGNFVEVVRNKPVARQAPGKRKCN CRQEMRTTQLGPGRFQMTQEVVCDECPNVKLNEERTLEVEIEPGVRDGMETPF GEGEPHVDGEPGDLRFRIKVVKHPIFERRGDDLYTNVTISLVESLVGFEMDITHLDGH KVHISRDKITRPGAKLWKKGEGLPNFDNNNIKGSLITFDVDFPKEQLTEEAREGIKQL LKQGSVQKVYNGLQGYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

 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	DNAJB11 DnaJ heat shock protein family (Hsp40) member B11 [Homo sapiens (human)]
Official Symbol	DNAJB11
Synonyms	DNAJB11; DnaJ (Hsp40) homolog, subfamily B, member 11; dnaJ homolog subfamily B member 11; EDJ; ERdj3; HEDJ; DnaJ protein 9; human DnaJ protein 9; dnaJ protein homolog 9; APOBEC1-binding protein 2; PWP1-interacting protein 4; ER-associated DNAJ protein 3; ER-associated Hsp40 co-chaperone; DJ9; Dj-9; ERj3; ABBP2; ERj3p; hDj-9; ABBP-2; UNQ537; PRO1080;
Gene ID	51726
mRNA Refseq	NM_016306
Protein Refseq	NP_057390
MIM	611341

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UniProt ID

Q9UBS4

SDS-PAGE

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