

Recombinant Mouse Dnajb11 Protein, Myc/DDK-tagged

Cat. No. Dnajb11-2595M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length DnaJ heat shock protein family (Hsp40) member B11 (Dnajb11), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	As a co-chaperone for HSPA5 it is required for proper folding, trafficking or degradation of proteins. Binds directly to both unfolded proteins that are substrates for ERAD and nascent unfolded peptide chains, but dissociates from the HSPA5-unfolded protein complex before folding is completed. May help recruiting HSPA5 and other chaperones to the substrate. Stimulates HSPA5 ATPase activity. It is necessary for maturation and correct trafficking of PKD1.
Molecular Mass	40.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Dnajb11 DnaJ heat shock protein family \(Hsp40\) member B11 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Dnajb11](#)

Synonyms DNAJB11; DnaJ (Hsp40) homolog, subfamily B, member 11; dnaJ homolog subfamily B member 11; APOBEC1-binding protein 2; ER-associated dnaJ protein 3; ER-associated Hsp40 co-chaperone; Dj9; ERdj3; ERj3p; ABBP-2; AL024055; 1810031F23Rik

Gene ID [67838](#)

mRNA Refseq [NM_001190805](#)

Protein Refseq [NP_001177734](#)

UniProt ID [Q99KV1](#)

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