

Recombinant Mouse Dnajb2 Protein, Myc/DDK-tagged

Cat. No. Dnajb2-2598M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length DnaJ heat shock protein family (Hsp40) member B2 (Dnajb2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Functions as a co-chaperone, regulating the substrate binding and activating the ATPase activity of chaperones of the HSP70/heat shock protein 70 family. In parallel, also contributes to the ubiquitin-dependent proteasomal degradation of misfolded proteins. Thereby, may regulate the aggregation and promote the functional recovery of misfolded proteins like HTT, MC4R, PRKN, RHO and SOD1 and be crucial for many biological processes. Isoform 1 which is localized to the endoplasmic reticulum membranes may specifically function in ER-associated protein degradation of misfolded proteins.
Molecular Mass	30.7 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.

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Concentration >50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name Dnajb2 DnaJ heat shock protein family (Hsp40) member B2 [Mus musculus (house mouse)]

Official Symbol Dnajb2

Synonyms DNAJB2; DnaJ (Hsp40) homolog, subfamily B, member 2; dnaJ homolog subfamily B member 2; heat shock protein, DNAJ-like 1; dnaJ homolog subfamily B member 10; DnaJ (Hsp40) homolog, subfamily B, member 10; Hsj1; mDj8; Dnajb10; 2700059H22Rik; MGC113758

Gene ID 56812

mRNA Refseq NM_001159885

Protein Refseq NP_001153357

UniProt ID Q9QYI5

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