

Recombinant Mouse Dnajb1 Protein, Myc/DDK-tagged

Cat. No. Dnajb1-2594M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length DnaJ heat shock protein family (Hsp40) member B1 (Dnajb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the DnaJ or Hsp40 (heat shock protein 40 kD) family of proteins. The encoded protein is a molecular chaperone that stimulates the ATPase activity of Hsp70 heat-shock proteins in order to promote protein folding and prevent misfolded protein aggregation. The encoded protein may also inhibit apoptosis. Peritoneal macrophages derived from homozygous knockout mice for this gene exhibit impaired heat tolerance. Alternative splicing results in multiple transcript variants.
Molecular Mass	38.2 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 Dnajb1 DnaJ heat shock protein family (Hsp40) member B1 [Mus musculus (house mouse)]

Official Symbol Dnajb1

Synonyms DNAJB1; DnaJ (Hsp40) homolog, subfamily B, member 1; dnaJ homolog subfamily B member 1; heat shock protein 40; heat shock 40 kDa protein 1; HSPF1; Hsp40; 0610007111Rik

Gene ID 81489

mRNA Refseq NM_018808

Protein Refseq NP_061278

UniProt ID Q9QYJ3

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