

Recombinant Mouse Dnajb6 Protein, Myc/DDK-tagged

Cat. No. Dnajb6-2600M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length DnaJ heat shock protein family (Hsp40) member B6 (Dnajb6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays an indispensable role in the organization of KRT8/KRT18 filaments. Acts as an endogenous molecular chaperone for neuronal proteins including huntingtin. Suppresses aggregation and toxicity of polyglutamine-containing, aggregation-prone proteins. Has a stimulatory effect on the ATPase activity of HSP70 in a dose-dependent and time-dependent manner and hence acts as a co-chaperone of HSP70. Also reduces cellular toxicity and caspase-3 activity.
Molecular Mass	27 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

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

GENE INFORMATION

Gene Name Dnajb6 DnaJ heat shock protein family (Hsp40) member B6 [Mus musculus (house mouse)]

Official Symbol Dnajb6

Synonyms DNAJB6; DnaJ (Hsp40) homolog, subfamily B, member 6; dnaJ homolog subfamily B member 6; HSJ-2; heat shock protein J2; mammalian relative of DnaJ; Mrj; mDj4; MGC102124

Gene ID 23950

mRNA Refseq NM_001127367

Protein Refseq NP_001120839

UniProt ID O54946

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