

Recombinant Human DNAJB7, His-tagged

Cat. No. DNAJB7-12068H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAJB7 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-309a.a.
Description	The protein encoded by this intronless gene belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	DNAJB7 DnaJ (Hsp40) homolog, subfamily B, member 7 [Homo sapiens]
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Official Symbol	DNAJB7
Synonyms	DNAJB7; DnaJ (Hsp40) homolog, subfamily B, member 7; dnaJ homolog subfamily B member 7; HSC3; novel DnaJ domain protein; DJ5; MGC138340;
Gene ID	150353
mRNA Refseq	NM_145174
Protein Refseq	NP_660157
MIM	611336
UniProt ID	Q7Z6W7
Chromosome Location	22q13.2
Function	heat shock protein binding; unfolded protein binding;

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