

## Recombinant Human DNAJB1 protein, His/MBP-tagged

Cat. No. DNAJB1-272H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DNAJB1(1-173 aa) fused with His/MBP tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-173 aa
<b>Description</b>	This gene encodes a member of the DnaJ or Hsp40 (heat shock protein 40 kD) family of proteins. DNAJ family members are characterized by a highly conserved amino acid stretch called the 'J-domain' and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. 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. Alternative splicing results in multiple transcript variants.
<b>Form</b>	Liquid in PBS
<b>Purity</b>	SDS-PAGE >90%
<b>Applications</b>	WB Positive Control
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.

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**Storage** Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## GENE INFORMATION

**Gene Name** DNAJB1 DnaJ (Hsp40) homolog, subfamily B, member 1 [ Homo sapiens ]

**Official Symbol** DNAJB1

**Synonyms** DNAJB1; DnaJ (Hsp40) homolog, subfamily B, member 1; HSPF1; dnaJ homolog subfamily B member 1; Hsp40; radial spoke 16 homolog B (Chlamydomonas); RSPH16B; Sis1; hDj-1; human DnaJ protein 1; heat shock protein 40; dnaJ protein homolog 1; heat shock 40kD protein 1; radial spoke 16 homolog B; heat shock 40 kDa protein 1; DnaJ (Hsp40) homolog, subfamily B, member 1; Hdj1;

**Gene ID** 3337

**mRNA Refseq** NM\_006145

**Protein Refseq** NP\_006136

**MIM** 604572

**UniProt ID** P25685

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