

Recombinant Human DNAJB1 protein, His/MBP-tagged

Cat. No. DNAJB1-271H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAJB1(176-333 aa) fused with His/MBP tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	176-333 aa
Description	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.
Form	Liquid in PBS
Purity	SDS-PAGE >90%
Applications	WB Positive Control
Stability	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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