

# Recombinant Human DnaJ (Hsp40) Homolog, Subfamily B, Member 1

**Cat. No.** DNAJB1-5389H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant humanDNAJB1.                                                                                                 |
| <b>Species</b>          | Human                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                   |
| <b>Description</b>      | DNAJB1 is a protein that in humans is encoded bythe DNAJB1 gene. DNAJB1 has been shown to interact with STUB1 and HSPA4. |
| <b>Form</b>             | Liquid in 50 mMTris-HCl, pH 7.7 + 100 mM potassium chloride.                                                             |
| <b>Concentration</b>    | 1 mg/ml                                                                                                                  |
| <b>Purity</b>           | ≥ 95% as determinedby SDS-PAGE and HPLC analyses.                                                                        |
| <b>Storage</b>          | Store at -80°C. Avoidrepeated freeze-thaw cycles.                                                                        |
| <b>OfficialSymbol</b>   | DNAJB1                                                                                                                   |

## GENE INFORMATION

|                  |                                                                               |
|------------------|-------------------------------------------------------------------------------|
| <b>Gene Name</b> | DNAJB1 DnaJ (Hsp40) homolog,subfamily B, member 1 [ Homo sapiens ]            |
| <b>Synonyms</b>  | DNAJB1; DnaJ (Hsp40)homolog, subfamily B, member 1; Hdj1; Sis1; HSPF1; Hsp40; |

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RSPH16B; dnaJhomolog subfamily B member 1; hDj-1; human DnaJ protein 1; heat shock protein40; dnaJ protein homolog 1; heat shock 40kD protein 1; radial spoke 16homolog B; heat shock 40 kDa protein 1; DnaJ (Hsp40) homolog, subfamily B,member 1

**Gene ID** 3337

**mRNA Refseq** NM\_006145

**Protein Refseq** NP\_006136

**MIM** 604572

**UniProt ID** P25685

**Chromosome Location** 19p13.2

**Pathway** Influenza A; Proteinprocessing in endoplasmic reticulum

**Function** heat shock proteinbinding; unfolded protein binding

**PDB rendering basedon 1hdj.**

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