

# Recombinant Human DNAJB7, His-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DNAJB7 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 1-309a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | 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. |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.                                                                                                                                                                                                                                                                      |

## GENE INFORMATION

|                  |                                                                     |
|------------------|---------------------------------------------------------------------|
| <b>Gene Name</b> | DNAJB7 DnaJ (Hsp40) homolog, subfamily B, member 7 [ Homo sapiens ] |
|------------------|---------------------------------------------------------------------|

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                            |                                                                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b>     | DNAJB7                                                                                                                                   |
| <b>Synonyms</b>            | DNAJB7; DnaJ (Hsp40) homolog, subfamily B, member 7; dnaJ homolog subfamily B member 7; HSC3; novel DnaJ domain protein; DJ5; MGC138340; |
| <b>Gene ID</b>             | <a href="#">150353</a>                                                                                                                   |
| <b>mRNA Refseq</b>         | <a href="#">NM_145174</a>                                                                                                                |
| <b>Protein Refseq</b>      | <a href="#">NP_660157</a>                                                                                                                |
| <b>MIM</b>                 | <a href="#">611336</a>                                                                                                                   |
| <b>UniProt ID</b>          | <a href="#">Q7Z6W7</a>                                                                                                                   |
| <b>Chromosome Location</b> | 22q13.2                                                                                                                                  |
| <b>Function</b>            | heat shock protein binding; unfolded protein binding;                                                                                    |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA