

## Recombinant Human HSPA8 protein, His/MBP-tagged

**Cat. No.** HSPA8-274H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human HSPA8(419-601 aa) fused with His/MBP tag was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 419-601 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
| <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** [HSPA8 heat shock 70kDa protein 8 \[ Homo sapiens \]](#)

**Official Symbol** [HSPA8](#)

**Synonyms**

HSPA8; heat shock 70kDa protein 8; heat shock 70kD protein 8 , HSPA10; heat shock cognate 71 kDa protein; HSC70; HSC71; HSP73; LPS-associated protein 1; heat shock 70kd protein 10; heat shock cognate protein 54; constitutive heat shock protein 70; lipopolysaccharide-associated protein 1; N-myristoyltransferase inhibitor protein 71; LAP1; HSC54; HSP71; NIP71; HSPA10; MGC29929; MGC131511;

**Gene ID** [3312](#)

**mRNA Refseq** [NM\\_006597](#)

**Protein Refseq** [NP\\_006588](#)

**MIM** [600816](#)

**UniProt ID** [P11142](#)

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