

Recombinant Human HSPE1 Protein, GST-tagged

Cat. No. HSPE1-5263H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSPE1 full-length ORF (AAH23518, 1 a.a. - 102 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a major heat shock protein which functions as a chaperonin. Its structure consists of a heptameric ring which binds to another heat shock protein in order to form a symmetric, functional heterodimer which enhances protein folding in an ATP-dependent manner. This gene and its co-chaperonin, HSPD1, are arranged in a head-to-head orientation on chromosome 2. [provided by RefSeq]
Molecular Mass	36.96 kDa
AA Sequence	MAGQAFRKFLPLFDRVLVERSAAETVTKGGIMLPEKSQGKVLQATVVAVGSGSKGK GGEIQPVSVKVGDKVLLPEYGGTKVVLDDKDYFLFRDGDILGKYVD
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [HSPE1 heat shock 10kDa protein 1 \(chaperonin 10\) \[Homo sapiens \]](#)

Official Symbol [HSPE1](#)

Synonyms HSPE1; heat shock 10kDa protein 1 (chaperonin 10); heat shock 10kD protein 1 (chaperonin 10); 10 kDa heat shock protein, mitochondrial; CPN10; GROES; chaperonin 10; 10 kDa chaperonin; early-pregnancy factor; EPF; HSP10;

Gene ID [3336](#)

mRNA Refseq [NM_002157](#)

Protein Refseq [NP_002148](#)

MIM [600141](#)

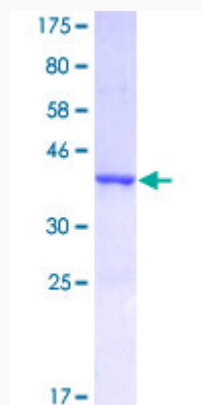
UniProt ID [P61604](#)

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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