

Recombinant Human HSPA1L Protein, GST-tagged

Cat. No. HSPA1L-5103H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSPA1L full-length ORF (AAH34483.1, 1 a.a. - 641 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a 70kDa heat shock protein. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which also encode isoforms of the 70kDa heat shock protein. [provided by RefSeq]
Molecular Mass	96.8 kDa
AA Sequence	MATAKGIAIGIDLGTTYSCVGVFQHGKVEIANDQGNRTTPSYVAFTDTERLIGDAAK NQVAMNPQNTVFDKRLIGRKFNPDVQADMKLWPFQVINEGGKPKVLVSYKGEN KAFYP EEISSMVLTKLKETA E AFLGHPVTNAVITVPAYFNDSQRQATKDAGVIAGLNV LRIINEPTAAAIAYGLDKGGQGERHVLIFDLGGGTFDVSILTIDDGIFEVKATAGDTHLG GEDFDNRLVSHFVEEFKRKHKKDISQNKRAVRRLRTACERAKRTLSSSTQANLEIDS LYEGIDFYTSITRARFEELCADLFRGTLEPVEKALRDAKMDKAKIHDIVLVGGSTRIPK VQRLLQDYFNDRDLNKSINPDEAVAYGA AVQAAILMGDKSEKVQDLLLLDVAPLSLG LETAGGVMTALMKRNSTIPTKQTQIFTTYSNQPVGVL IQVYEGERAMTKDNNLLGRF

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DLTGIPPAPRGVPQIEVTFDIDANGILNVTAMDKSTGKVNKITIANDKGRLSKEEIERM
VLDAEKYKAEDDEVQREKIAAKNALESYAFNMKSVVSDEGLKGKISESDKNKILDKCN
ELLSWLEVNQLAEKDEFDHKRKELEQMCNPIITKLYQGGCTGPACGTGYVPGRPAT
GPTIEEVD

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.

Storage Store at -8 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 [HSPA1L heat shock 70kDa protein 1-like \[Homo sapiens \]](#)

Official Symbol [HSPA1L](#)

Synonyms HSPA1L; heat shock 70kDa protein 1-like; heat shock 70kD protein like 1; heat shock 70 kDa protein 1-like; HSP70 HOM; hum70t; heat shock 70 kDa protein 1L; heat shock 70kD protein-like 1; heat shock 10kDa protein 1-like; heat shock 70 kDa protein 1-Hom; HSP70T; HSP70-1L; HSP70-HOM;

Gene ID [3305](#)

mRNA Refseq [NM_005527](#)

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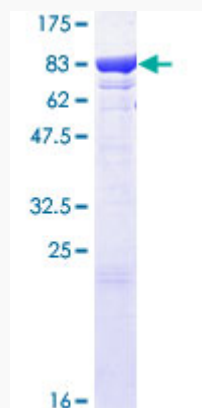
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Protein Refseq NP_005518

MIM 140559

UniProt ID P34931

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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