

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 LETAGGVMTALMKRNSTIPTKQTQIFTTYS DNQPGVLIQVYEGERAMTKDNNLLGRF

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DLTGIPPAPRGVPQIEVTFDIDANGILNVTAMDKSTGKVNKITIANDKGRLSKEEIERM
VLDAEKYKAEDEVQREKIAAKNALESYAFNMKSVVSDEGLKGKISESDKNKILDKCN
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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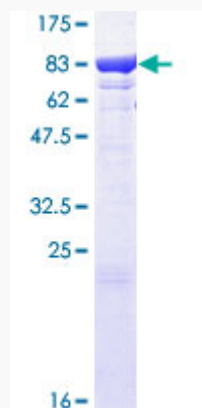
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Protein Refseq NP_005518

MIM 140559

UniProt ID P34931

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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