

Recombinant Full Length Human HSPA1L Protein, GST-tagged

Cat. No. HSPA1L-3814HF **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	In Vitro Cell Free System
ProteinLength	641 amino acids
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	MATAKGIAIGIDLGTTYSCVGVFQHGKVEIIANDQGNRTTPSYVAFTDTERLIGDAAK NQVAMNPQNTVFDKRLIGRKFNDPVVQADMKLWPFQVINEGGKPKVLVSYKGEN KAFYPEEISSMVLTKLKETAFLGHPVTNAVITVPAYFNDSQRQATKDAGVIAGLNV LRIINEPTAAAIAYGLDKGGQGERHVLIFDLGGGTFDVSILTIDDGIFEVKATAGDTHLG GEDFDNRLVSHFVEEFKRKHKKDISQNKRAVRRRLRTACERAKRTLSSSTQANLEIDS LYEGIDFYTSITRARFEELCADLFRGTLEPVEKALRDAKMDKAKIHDIVLVGGSTRIPK VQRLQDYFNDRDLNKSINPDEAVAYGAHVQAAILMGDKSEKVQDLLLLDVAPLSLG

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LETAGGVMTALMKRNSTIPTKQTQIFTTYSNQPVGVLQVYEGERAMTKDNNLLGRF
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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Protein Refseq	NP_005518
MIM	140559
UniProt ID	P34931

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