

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
Protein Length	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	MATAKGIAIGIDLGTTYSCVGVFQHGKVEIANDQGNRTTPSYVAFTDTERLIGDAAK NQVAMNPQNTVFDKRLIGRKFNDPVVQADMKLWPFQVINEGGKPKVLVSYKGEN KAFYPEEISSMVLTKLKETAEAFLGHPVTNAVITVPAYFNDSQRQATKDAGVIAGLNV LRIINEPTAAAIAYGLDKGGQGERHVLIFDLGGGTFDVSILTIDDGIFEVKATAGDTHLG GEDFDNRLVSHFVEEFKRKHKKDISQNKRAVRRRLRTACERAKRTLSSSTQANLEIDS LYEGIDFYTSITRARFEELCADLFRGTLEPVEKALRDAKMDKAKIHDIVLVGGSTRIPK VQRLLQDYFNDRDLNKSINPDEAVAYGAAVQAAILMGDKSEKVQDLLLLDVAPLSLG

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LETAGGVMTALMKRNSTIPTKQTQIFTTYSDNQPGVLIQVYEGERAMTKDNNLLGRF
 DLTGIPPAPRGVPQIEVTFDIDANGILNVTAMDKSTGKVNKITIANDKGRLSKEEIERM
 VLDAEKYKAEDEEVQREKIAAKNALESYAFNMKSVVSDEGLKKGKISESDKNKILDKCN
 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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