

# Recombinant Full Length Human HSPA1L Protein

**Cat. No.** HSPA1L-241HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human HSPA1L with N terminal proprietary tag, 96.58 kDa.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	641 amino acids
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	96.580kDa inclusive of tags
<b>AA Sequence</b>	MATAKGIAIGIDLGTTYSCVGVFQHGKVEIANDQGNRTT PSYVAFTDTERLIGDAAK NQVAMNPQNTVFDKRLIGRKF NDPVVQADMKLWPFQVINEGGKPKVLVSYKGEN KAFYPEE ISSMVLTKLKETAFLGHPVTNAVITVPAYFNDSQRQAT KDAGVIAGLN VLRIINEPTAAAAYGLDKGGQGERHVLIF DLGGGTFDVSILTIDDGIFEVKATAGDTH LGGEDFDNRLV SHFVEEFKRKHKKDISQNKRAVRRRLRTACERAKRTLSSST QANLE IDSLYEGIDFYTSITRARFEELCADLFRGTLEPVE KALRDAKMDKAKIHDIVLVGGSTR IPKVQRLLQDYFNDRD LNKSINPDEAVAYGAAVQAAILMGDKSEKVQDLLLLDVAP L

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SLGLETAGGVMTALMKRNSTIPTKQTQIFTTYSDNQPGV LIQVYEGERAMTKDNNLL  
GRFDLTGIPPAPRGVVPQIEVTF DIDANGILNVTAMDKSTGKVNKITIANDKGRLSKEEI  
ERM VLDAEKYKAEDEVRQEKIAAKNALESYAFNMKSVVSDEGL KGKISESDKNKIL  
DKCNELLSWLEVNQLAEKDEFDHKRKE LEQMCNPIITKLYQGGCTGPACGTGYVP  
GRPATGPTIEEV D

**Purity** Proprietary Purification

**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## 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

**Gene ID** [3305](#)

**mRNA Refseq** [NM\\_005527](#)

**Protein Refseq** [NP\\_005518](#)

**MIM** [140559](#)

**UniProt ID** [P34931](#)

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