

Recombinant Full Length Human HSPA1L Protein

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

SPECIFICATION

Product Overview	Recombinant full length Human HSPA1L with N terminal proprietary tag, 96.58 kDa.
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.
Form	Liquid
Molecular Mass	96.580kDa inclusive of tags
AA Sequence	MATAKGIAIGIDLGTTYSCVGVFQHGKVEIANDQGNRTT PSYVAFTDTERLIGDAAK NQVAMNPQNTVFDKRLIGRKF NDPVVQADMKLWPFQVINEGGKPKVLVSYKGEN KAFYPEE ISSMVLTKLKETAFLGHPVTNAVITVPAYFNDSQRQAT KDAGVIAGLN VLRIINEPTAAAIAYGGLDKGGQGERHVLIF DLGGGTFDVSILTIDDGIFEVKATAGDTH LGGEDFDNRLV SHFVEEFKRKHKKDISQNKRAVRRRLRTACERAKRTLSSST QANLE IDSLYEGIDFYTSITRARFEELCADLFRGTLEPVE KALRDAKMDKAKIHDIVLVGGSTR IPKVQRLLQDYFNGRD LNKSINPDEAVAYGAAVQAAILMGDKSEKVQDLLLLDVAP L

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SLGLETAGGVMTALMKRNSTIPTKQTQIFTTYSNQPVG LIQVYEGERAMTKDNNLL
GRFDLTGIPPAPRGVPQIEVTF DIDANGILNVTAMDKSTGKVNKITIANDKGRLSKEEI
ERM VLDAEKYKAEDDEVQREKIAAKNALESYAFNMKSVVSDEGL 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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