

Recombinant Human HSPA1L, GST-tagged

Cat. No. HSPA1L-13985H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human HSPA1L protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength C-term-300a.a.

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.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name HSPA1L heat shock 70kDa protein 1-like [Homo sapiens]

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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
Protein Refseq	NP_005518
MIM	140559
UniProt ID	P34931
Chromosome Location	6p21.3
Pathway	Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem; Legionellosis, organism-specific biosystem;
Function	ATP binding; nucleotide binding;

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