

Recombinant Human HSPA1L protein, His-tagged

Cat. No. HSPA1L-1452H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSPA1L aa. (Met1~Asp641) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Asp641
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	Freeze-dried powder
Molecular Mass	72kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 6.

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Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	HSPA1L heat shock protein family A (Hsp70) member 1 like [Homo sapiens (human)]
Official Symbol	HSPA1L
Synonyms	HSP70T; hum70t; HSP70-1L; HSP70-HOM; heat shock 10kDa protein 1-like; heat shock 70 kDa protein 1-Hom; heat shock 70 kDa protein 1L; heat shock 70kD protein-like 1; heat shock 70kDa protein 1-like; heat shock 70 kDa protein 1-like
Gene ID	3305
mRNA Refseq	NM_005527.3

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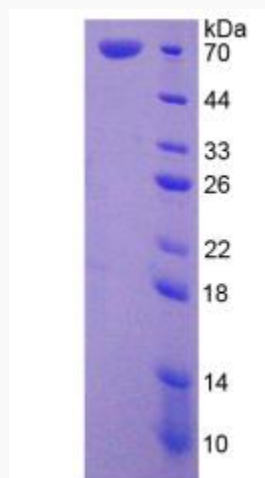
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Protein Refseq NP_005518.3

UniProt ID P34931

SDS-PAGE



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