

Recombinant Human HSPA1L protein, His-tagged

Cat. No. HSPA1L-3226H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSPA1L protein(342-641 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	342-641 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	STRIPKVQRLLQDYFNGRDLNKSINPDEAVAYGAAVQAAILMGDKSEKVQDLLLLDV APLSLGLTAGGVMTALMKRNSTIPTKQTQIFTTYSNQPVGVLIVYEGERAMTKDN NLLGRFDLTGIPPAPRGVPQIEVTFDIDANGILNVTAMDKSTGKVNKITIANDKGRLSK EEIERMVLDAEKYKADEVQREKIAAKNALESYAFNMKSVVSDEGLKGKISESDKNKI LDKCNELLSWLEVNQLAEKDEFDHKRKELEQMCNPIITKLYQGGCTGPACGTGYVP GRPATGPTIEEVD
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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

Protein Refseq

NP_005518

MIM

140559

UniProt ID

P34931

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