

Recombinant Human Hsc70 protein, GST-tagged

Cat. No. Hsc70-30123H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Hsc70 (288-587 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln288-Asp587
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	QKLLQDFFNGKELNKSINPDEAVAYGAAVQAAILSGDKSENVQDLLLLDVTPLSLGIE TAGGVMTVLIKRNTTIPTKTQTFTTYSNQPGLVLIQVYEGERAMTKDNNLLGKFELT GIPPAPRGVPQIEVTFDIDANGILNVSAVDKSTGKENKITITNDKGRLSKEDIERMVQE AEKYKAEDEKQRDKVSSKNSLESYAFNMKATVEDEKLQGKINDEDKQKILDKCNEIIN WLDKNQTAEKEEFEHQKQKELEKVCNPIITKLYQSAGGMPGGMPGGFPGGGAPPSG GASSGPTIEEVD
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks).

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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 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 HSPA8 heat shock protein family A (Hsp70) member 8 [Homo sapiens (human)]

Official Symbol Hsc70

Synonyms HSPA8; LAP1; HSC54; HSC70; HSC71; HSP71; HSP73; LAP-1; NIP71; HEL-33; HSPA10; HEL-S-72p

Gene ID 3312

mRNA Refseq NM_00659

Protein Refseq NP_006588

MIM 600816

UniProt ID P11142

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