

Recombinant Human HSPA13, GST-tagged

Cat. No. HSPA13-13982H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSPA13 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-307a.a.
Description	The protein encoded by this gene is a member of the heat shock protein 70 family and is found associated with microsomes. Members of this protein family play a role in the processing of cytosolic and secretory proteins, as well as in the removal of denatured or incorrectly-folded proteins. The encoded protein contains an ATPase domain and has been shown to associate with a ubiquitin-like protein.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	HSPA13 heat shock protein 70kDa family, member 13 [Homo sapiens]
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Official Symbol	HSPA13
Synonyms	HSPA13; heat shock protein 70kDa family, member 13; STCH, stress 70 protein chaperone, microsomal associated, 60kD, stress 70 protein chaperone, microsomal associated, 60kDa; heat shock 70 kDa protein 13; microsomal stress 70 protein ATPase core; microsomal stress-70 protein ATPase core; stress 70 protein chaperone, microsomal-associated, 60kD; stress 70 protein chaperone, microsomal-associated, 60kDa; stress-70 protein chaperone microsomal-associated 60 kDa protein; STCH;
Gene ID	6782
mRNA Refseq	NM_006948
Protein Refseq	NP_008879
MIM	601100
UniProt ID	P48723
Chromosome Location	21q11.1
Function	ATP binding; nucleotide binding;

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