

Recombinant Human HSPA6

Cat. No. HSPA6-26542TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HSPA6 expressed in <i>Saccharomyces cerevisiae</i> ; amino acids 1-643 , 71kDa.
Species	Human
ProteinLength	1-643 a.a.
Description	HSP70B is a unique member of the human Hsp70 chaperone involved in cellular processes such as protein trafficking, folding, and prevention of aggregation.
Form	Liquid
Purity	Immunogen affinity purified
Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MQAPRELAVGIDLGTTYSCVGVFQQGRVEILANDQGNRTT PSYVAFTDTERLVGDA AKSQAALNPHNTVFDAKRLIGR KFADTTVQSDMKHWPFRVSEGGKPKVRVCYRG EDKTF YPEEISSMVLSKMKETAAYLGQPVKHAVITVPAYFNDSQ RQATKDAGAIA GLNLVLRINEPTAAAIAYGLDRRGAGE RNVLIFDLGGGTFDVSVLSIDAGVFEVKATA GDTHLGG EDFDNRLVNHFMEEFRRKHGKDLSGNKRALRRLRTACERA KRTLSSST

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QATLEIDSLFEGVDFYTSITRARFEELCSD LFRSTLEPVEKALRDAKLDKAQIHDVVL
VGGSTRIPKV QKLLQDFFNGKELNKSINPDEAVAYGAAVQAAVLMGDKCE KVQDLL
LLDVAPLSLGLTAGGVMTTLIQRNATIPTKQ TQTFTTYSNQPVGVIQVYEGGERAM
TKDNNLLGRFELS GIPPAPRGVPQIEVTFDIDANGILSVTATDRSTGKANKIT ITNDK
GRLSKEEVERMVHEAEQYKAEDEAQRDRVAAKN SLEAHVFHVKGSLQEESLRDKI
PEEDRRKMQDKCREVL AWLEHNQLAEKEEYEHQKRELEQICRPIFSRLYGGPGVP
G GSSCGTQARQGDGPSTGPIIEEVD

**Sequence
Similarities**

Belongs to the heat shock protein 70 family.

Full Length

Full L.

GENE INFORMATION**Gene Name**

HSPA6 heat shock 70kDa protein 6 (HSP70B) [Homo sapiens]

Official Symbol

HSPA6

Synonyms

HSPA6; heat shock 70kDa protein 6 (HSP70B); heat shock 70kD protein 6 (HSP70B); heat shock 70 kDa protein 6;

Gene ID

3310

mRNA Refseq

NM_002155

Protein Refseq

NP_002146

MIM

140555

Uniprot ID

P17066

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Chromosome Location	1q23.3
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;
Function	ATP binding; nucleotide binding;

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