

Recombinant Full Length Human HSPA6 Protein, C-Flag-tagged

Cat. No. HSPA6-1455HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HSPA6 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables enzyme binding activity; heat shock protein binding activity; and unfolded protein binding activity. Involved in cellular response to heat and protein refolding. Located in centriole and cytosol. Colocalizes with COP9 signalosome.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	70.8 kDa
AA Sequence	MQAPRELAVGIDLGTTYSCVGVFQQGRVEILANDQGNRTTPSYVAFTDTERLVGDA AKSQAALNPHNTVF DAKRLIGRKFADTTVQSDMKHWPFRVSEGGKPKVRVCYRG EDKTFYPEEISSMVLSKMKETAAYLGQP VKHAVITVPAYFNDSQRQATKDAGAIAG LNVLRINEPTAAAIAYGLDRRGAGERNVLIFDLGGGTFDVS VLSIDAGVFEVKATAG DTHLGGEDFDNRLVNHFMEEFRRKHGKDLSGNKRALRRLRTACERAKRTLSSST Q ATLEIDSLFEGVDFYTSITRARFEELCSDLFRSTLEPVEKALRDAKLDKAQIHDVVLVG GSTRIKPVQK LLQDFENGKELNKSINPDEAVAYGA AVQA AAVLMGDKCEKVQDLLLL DVAPLSLGLTAGGVMTTLIQRNA TIPTKQTQTFTTYSNQPVGVIQVYEGGERAMTK DNNLLGRFELSGIPPAPRGVPQIEVTFDIDANGILSV TATDRSTGKANKITITNDKGRL

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SKEEVERMVHEAEQYKAEDEAQRDRVAAKNSLEAHVFHVKGSLQEESL RDKIPEE
 DRRKMQDKCREVLAWLEHNQLAEKEEYEHQKRELEQICRPIFSRLYGGPGVPGGS
 SCGTQARQ
 GDPSTGPIIEEVDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Antigen processing and presentation, Endocytosis, MAPK signaling pathway, Spliceosome
Full Length	Full L.

GENE INFORMATION

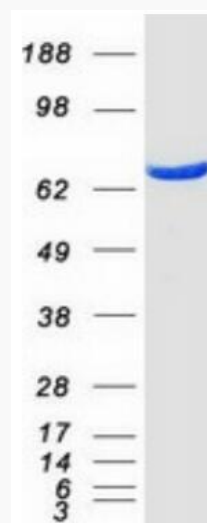
Gene Name	HSPA6 heat shock protein family A (Hsp70) member 6 [Homo sapiens (human)]
Official Symbol	HSPA6
Synonyms	HSP70B'
Gene ID	3310

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mRNA Refseq	NM_002155.5
Protein Refseq	NP_002146.2
MIM	140555
UniProt ID	P17066



Coomassie blue staining of purified HSPA6 protein.

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