



# Recombinant Human Heat shock 70 kDa protein 6 (HSPA6), partial

<b>Product Code</b>	CSB-EP863082HU
<b>Relevance</b>	In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and mbrane translocation, or following stress-induced damage .
<b>Abbreviation</b>	Recombinant Human HSPA6 protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P17066
<b>Alias</b>	Heat shock 70 kDa protein B'
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MQAPRELAVGIDLGTTYSCVGVFQQGRVEILANDQGNRTTPSYVAFTDTERLV GDAAKSQAALNPHNTVFDKRLIGRKAFADTTVQSDMKHWPFRVVSEGKPKV RVCYRGEDKTFYPEEISSMVLSKMKETAAYLGQPVKHAVITVPAYFNDSQRQ ATKDAGAIAGLNVLRIINEPTAAAIAYGLDRRGAGERNVLIFDLGGGTFDVSVLSI DAGVFEVKATAGDTHLGGEDFDNRLVNHFMEEFRRKHGKDLSGNKRALRRL RTACERAKRTLSSSTQATLEIDSLFEGVDFYTSITRARFEELCSDLFRSTLEPVE KALRDAKLDKAQIHDVVLVGGSTRIPKVQKLLQDFFNGKELNKSINPDEAVAYG AAVQAAVLMGDKCEKVQDLLLLDVAPLSLGLTAGGVMTTLIQRNATIPTKQTQ TFTTYSNDNQPVGVIQVYEGERAMTKDNNLLGRFELSGIPPAPRGVVPQIEVTFDI DANGILSVTATDRSTGKANKITITNDKGRLSKEEVERMVHEAEQYKAEDEAQR DRVAAKNSLEAHVFHVKGSLQEESLRDKIPEEDRRKMQDKCREVLAWLEHNQ LAEKEEYEHQKRELEQICRPIFSRRLYGPGVPGGSSCGTQARQGDPTGP
<b>Research Area</b>	Cancer
<b>Source</b>	E.coli
<b>Target Names</b>	HSPA6
<b>Expression Region</b>	1-637aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged



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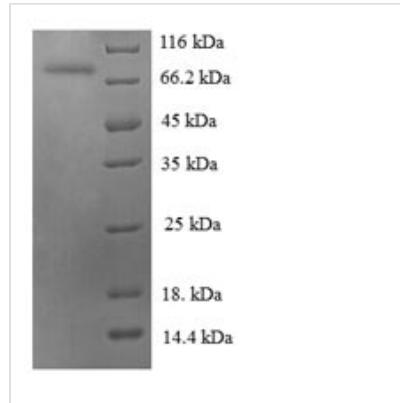
**Mol. Weight** 74.3kDa

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**Protein Length** Partial

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**Image**



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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