



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

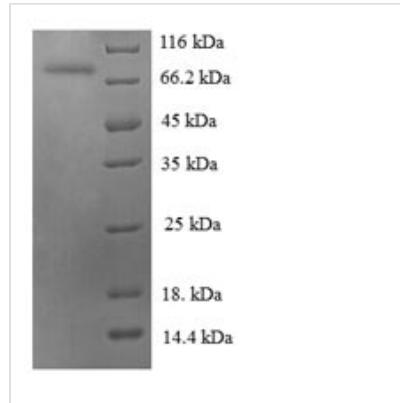
Product Code	CSB-EP863082HU
Relevance	In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their 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 .
Abbreviation	Recombinant Human HSPA6 protein, partial
Storage	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.
Uniprot No.	P17066
Alias	Heat shock 70 kDa protein B'
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MQAPRELAVGIDLGTTYSCVGVFQQGRVEILANDQGNRTTPSYVAFTDTERLV GDAAKSQAALNPHNTVFDKRLIGRKAFADTTVQSDMKHWPFRVVSSEGGPKV RVCYRGEDKTFYPEEISSMVLSKMKETAAYLGQPVKHAVITVPAYFNDSQRQ ATKDAGAIAGLNVLRIINEPTAAAIAYGLDRRGAGERNVLIFDLGGGTFDVSVLSI DAGVFEVKATAGDTHLGGEDFDNRLVNHFMEEFRRKHGKDLSGNKRALRRL RTACERAKRTLSSSTQATLEIDSLFEGVDFYTSITRARFEELCSDLFRSTLEPVE KALRDAKLDKAQIHDVVLVGGSTRIPKVQKLLQDFFNKELNKSINPDEAVAYG AAVQAAVLMGDKCEKVQDLLLLDVAPLSLGLTAGGVMTTLIQRNATIPTKQTQ TFTTYSNDNPGVFIQVYEGERAMTKDNNLLGRFELSGIPPAPRGVVPQIEVTFDI DANGILSVTATDRSTGKANKITITNDKGRLSKEEVERMVHEAEQYKAEDEAQR DRVAAKNSLEAHVFHVKGSQEEESLRDKIPEEDRRKMQDKCREVLAWLEHNQ LAEKEEYEHQKRELEQICRPIFSRRLYGGPGVPGGSSCGTQARQGDPTSTGP
Research Area	Cancer
Source	E.coli
Target Names	HSPA6
Expression Region	1-637aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged



Mol. Weight 74.3kDa

Protein Length Partial

Image



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

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.

Shelf Life

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.