



Recombinant Human Heat shock 70 kDa protein 13 (HSPA13)

Product Code	CSB-EP010819HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P48723
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	<p>QQYLPLPT PKVIGIDLGT TYCSVGVFFP GTGKVKVIPD ENGHISIPSM VSFTDNDVYV GYESVELADS NPQNTIYDAK RFIGKIFTAE ELEAEIGRYP FKVLNKNMGV EFSVTSNETI TVSPEYVGSR LLLKLKEMAE AYLGMMPVANA VISVPAEFDL KQRNSTIEAA NLAGLKILRV INEPTAAAMA YGLHKADV FH VLVIDLGGGT LDVSLLNKQG GMFLTRAMSG NNLKGGQDFN QRLQYLYKQ IYQTYGFVPS RKEEIHRLRQ AVEMVKLNL LHQSAQLSVL LTVEEQDRKE PHSSDTELPK DKLSSADDHR VNSGFGRGLS DKKSGESQVL FETEISRKLF DTLNEDLFQK ILVPIQQVLK EGHLEKTEID EVVLVGGSTR IPRIRQVIQE FFGKDPNTSV DPDLAVVTGV AIQAGIDGGS WPLQVSALEI PNKHLQKTNF N</p>
Source	E.coli
Target Names	HSPA13
Protein Names	Recommended name: Heat shock 70 kDa protein 13 Alternative name(s): Microsomal stress-70 protein ATPase core Stress-70 protein chaperone microsome-associated 60 kDa protein
Expression Region	23-471
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein 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.
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.