



# Recombinant Human Heat shock 70 kDa protein 13 (HSPA13)

<b>Product Code</b>	CSB-EP010819HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P48723
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	QQYLPLPT PKVIGIDLGT TYCSVGVFFP GTGKVKVIPD ENGHISIPSM VSFTDNDVYV GYESVELADS NPQNTIYDAK RFIGKIFTAE ELEAEIGRYP FKVLNKNMGV EFSVTSNETI TVSPEYVGSR LLLKLKEMAE AYLGMPPVANA 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
<b>Source</b>	E.coli
<b>Target Names</b>	HSPA13
<b>Protein Names</b>	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
<b>Expression Region</b>	23-471
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</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.