



Recombinant Human Heat shock 70 kDa protein 12B (HSPA12B)

Product Code	CSB-YP822262HU
Abbreviation	HSPA12B
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.	Q96MM6
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MLAVPEMGLQ GLYIGSSPER SPVPSPPGSP RTQESCGIAP LTPSQSPKPE VRAPQQASFS VVVAIDFGTT SSGYAFSFA S DPEAIHMMRK WEGGDPGVAH QKTPTCLLLT PEGAFHSFGY TARDYYHDLD PEEARDWLYF EKFKMKIHS A TDLTLKTQLE AVNGKTM PAL EVFAHALRFF REHALQELRE QSPSLPEKDT VRWVLTVP AI WKQPAKQFMR EAAYLAGLVS RENAEQLLIA LEPEAASVYC RKLRLHQLLD LSGRAPGGGR LGERRSIDSS FRQAREQLRR SRHSRTFLVE SGVGELWAEM QAGDRYV VAD CGGGTVDLTV HQLEQPHGTL KELYKASGGP YGAVGVDLAF EQLLCRIFGE DFIATFKRQR PAAWVDLTIA FEARKRTAGP HRAGALNISL PFSFIDFYRK QRGHNVETAL RRSSVNFVKW SSQGMLRMSC EAMNELFQPT VSGIIQHIEA LLARPEVQGV KLLFLVGGFA ESAVLQHAVQ AALGARGLRV VVPHDVGLTI LKGAVLFGQA PGVVRVRRSP LTYGVGV LNR FVPGRHPPEK LLVRDGRRC TDVFERFVAA EQSVALGEEV RRSYCPARPG QRRVLINLYC CAEDARFIT DPGVRKCGAL SLELEPADCG QDTAGAPPGR REIRAAMQFG DTEIKVTA VD VSTNRSVRAS IDFLSN
Source	Yeast
Target Names	HSPA12B
Protein Names	Recommended name: Heat shock 70 kDa protein 12B
Expression Region	1-686
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 protein
Target Details	This protein contains an atypical heat shock protein 70 (Hsp70) ATPase domain and is therefore a distant member of the mammalian Hsp70 family. This gene may be involved in susceptibility to atherosclerosis.
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.