

## 32-3997: HSCB Recombinant Protein

**Alternative Name :**

HscB iron-sulfur cluster co-chaperone homolog (E. coli),DnaJ homolog (Hsp40) subfamily C member 20,iron-sulfur cluster co-chaperone protein HscB mitochondrial,J-type co-chaperone HSC20,DNAJC20,HSC20,dj366L4.2,JAC1.

### Description

Source : E.coli. HSCB Human Recombinant produced in E. coli is a single polypeptide chain containing 231 amino acids (30-235) and having a molecular mass of 26.7 kDa.HSCB is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. HscB Iron-Sulfur Cluster Co-Chaperone (HSCB) is a member of the hscB family and contains 1 J domain. HSCB is expressed in the lung, brain, stomach, spleen, ovary, testis, liver, muscle and heart and localized to mitochondria and cytoplasm. HSCB may function as a co-chaperone in iron-sulfur cluster assembly in mitochondria, it also interacts with ISCU and HSPA9.

### Product Info

**Amount :**

20 µg

**Purification :**

Greater than 90% as determined by SDS-PAGE.

**Content :**

The HSCB solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 150mM NaCl, and 10% glycerol.

**Storage condition :**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

**Amino Acid :**

MGSSHHHHHH SGLVPRGSH MGSMAASQA GSNYPRCWNC GGPWGPRED RFFCPQCRAL  
QAPDPTRDYF SLMDCNRSFR VDTAKLQHRY QQLQRLVHPD FFSQRSQTEK DFSEKHSTLV NDAYKTLAP  
LSRGLYLLKL HGIEIPERTD YEMDRQFLIE IMEINEKLAE AESEAAMKEI ESIVKAKQKE FTDNVSSAFE  
QDDFEEAKEI LTKMRYFSNI EEKIKLKKIP L

