

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 MGSHEMAASQA GSNYPRCWNC GGPWGPARED
RFFCPQCRAL QAPDPTRDYF SLMDCNRSFR VDTAKLQHRY QQLQRLVHPD FFSQRSQTEK
DFSEKHSTLV NDAYKTLLAP LSRGLYLLKL HGIEIPERTD YEMDRQFLIE IMEINEKLAE
AESEAMKEI ESIVKAKQKE FTDNVSSAFE QDDFEEAKEI LTKMRYFSNI EEKIKLKKIP L

