9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

HSCB Human

HscB Iron-Sulfur Cluster Co-Chaperone Human Recombinant
RCP1063

Product Overview

Name	HSCB Human

Description

HscB Iron-Sulfur Cluster Co-Chaperone Human Recombinant

Accession (Primary)	Q8IWL3

Synonyms

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.

Introduction

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.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

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

Stability

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.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSHM AASQA GSNYPRCWNC GGPWGPGRED RFFCPQCRAL QAPDPTRDYF SLMDCNRSFR VDTAKLQHRY QQLQRLVHPD FFSQRSQTEK DFSEKHSTLV NDAYKTLLAP LSRGLYLLKL HGIEIPERTD YEMDRQFLIE IMEINEKLAE AESEAAMKEI ESIVKAKQKE FTDNVSSAFE QDDFEEAKEI LTKMRYFSNI EEKIKLKKIP L

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Precautions

HSCB Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8IWL3)