

Product datasheet

Recombinant Human HSCB protein ab128453

1 Image

Description

Product name	Recombinant Human HSCB protein
Purity	> 90 % SDS-PAGE. ab128453 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q8IWL3</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSHEMAASQA GSNYPRCWNC GGPWGPGRED RFFCPQCRAL QAPDPTRDYF SLMDCNRSFR VDTAKLQHRY QQLQRLVHPD FFSQRSQTEK DFSEKHSTLV NDAYKTLLAP LSRGLYLLKL HGIEIPERTD YEMDRQFLIE IMEINEKLAE AESEAAMKEI ESIVKAKQKE FTDNVSSAFE QDDFEEAKEI LTKMRYFSNI EEKIKLKKIP L
Predicted molecular weight	27 kDa including tags
Amino acids	30 to 235
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab128453** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

General Info

Function

May act as a co-chaperone in iron-sulfur cluster assembly in mitochondria.

Tissue specificity

Liver, muscle and heart.

Pathway

Cofactor biosynthesis; iron-sulfur cluster biosynthesis.

Sequence similarities

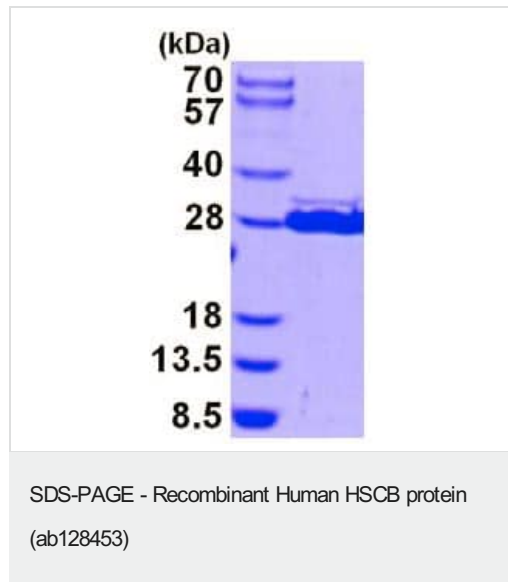
Belongs to the hscB family.

Contains 1 J domain.

Cellular localization

Mitochondrion.

Images



15% SDS-PAGE analysis of 3 µg ab128453.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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