

Product datasheet

Recombinant Human HSPB7 protein ab185404

Description

Product name	Recombinant Human HSPB7 protein	
Purity	> 95 % SDS-PAGE. ab185404 is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	Escherichia coli	
Accession	<u>Q9UBY9</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MSHRTSSTFRAERSFHSSSSSSSSSTSSSASRALPAQDP PMEKALSMFSD DFGSFM RPHSEPLAFPARPGGAGNIKTLGDAYEFAVDVR DFSPEDIVTT SNNHIEVRAEKLAADGTMNTFAHKCQLPEDVDPTSVTS ALREDGSLTIRARRHPHTEHVQQTFRTEIKILEHHHHHH	
Predicted molecular weight	19 kDa including tags	
Amino acids	1 to 170	
Tags	His tag C-Terminus	

Specifications

Our **Abpromise guarantee** covers the use of **ab185404** 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 HPLC
Form	Liquid
Additional notes	This product was previously labelled as cvHSP

Preparation and Storage

Stability and Storage

Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 1.17% Sodium chloride, 0.03% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 50% Glycerol (glycerin, glycerine), 0.24% Tris

General Info

Tissue specificity

Isoform 1 is highly expressed in adult and fetal heart, skeletal muscle, and at a much lower levels in adipose tissue and in aorta. Undetectable in other tissues. Isoform 2 and isoform 3 are poorly detected in heart.

Sequence similarities

Belongs to the small heat shock protein (HSP20) family.

Cellular localization

Cytoplasm. Nucleus. Nucleus > Cajal body. Resides in sub-nuclear structures known as SC35 speckles or nuclear splicing speckles.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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