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

HSPB7 Human

Heat Shock 27kDa Protein Family, Member 7 Human Recombinant
RCP1088

Product Overview

Name	HSPB7 Human

Description

Heat Shock 27kDa Protein Family, Member 7 Human Recombinant

Accession (Primary)	Q9UBY9

Synonyms

cvHSP, DKFZp779D0968, FLJ32733, HSPB7, CVHSP.

Introduction

HSPB7 is part of the Heat shock protein beta family. The HSPB family is one of the more diverse families within the group of HSP families. Several members have chaperone-like activities and/or participate in cytoskeletal stabilization. Several members also show a dynamic, stress-induced translocation to SC35 splicing speckles. HSPB7 constitutively localized to SC35 splicing speckles, determined by its N-terminus. HSPB7 does not support refolding though HSPB1 and HSPB5 chaperone heat unfolded substrates and keet them folding competent.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

HSPB7 Human solution containing 20mM Tris HCl pH-8, 0.2M NaCl, 2mM DTT & 50% 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 85% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MSHRTSSTFR AERSFHSSSS SSSSSTSSSA SRALPAQDPP MEKALSMFSD DFGSFMRPHS EPLAFPARPG GAGNIKTLGD AYEFAVDVRD FSPEDIIVTT SNNHIEVRAE KLAADGTVMN TFAHKCQLPE DVDPTSVTSA LREDGSLTIR ARRHPHTEHV QQTFRTEIKI.

Precautions

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HSPB7 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UBY9)