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HSPB7 Human

Description:HSPB7 Human Recombinant produced in E.Coli is a single, non-glycosylated,polypeptide chain containing 190 amino acids(1-170 a.a.) and having a molecular mass of 20.7 kDa. HSPB7 protein is fused to a 20 amino acid His-Tag at N-terminus and purified by standard chromatography.

Catalog #:HYPS-039

For research use only.

Synonyms:cvHSP, DKFZp779D0968, FLJ32733, HSPB7, CVHSP.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

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

Purity: Greater than 85% as determined by SDS-PAGE.

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.

Usage:
NeoBiolab's products are furnished forLABORATORY RESEARCHUSEONLY. They may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

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 thoµgh HSPB1 and HSPB5 chaperone heat unfolded substrates and keet them folding competent.

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