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32-5345: Recombinant Human Heat Shock 27kDa Protein Family, Member 7

Alternative Name : cvHSP,DKFZp779D0968,FLJ32733,HSPB7,CVHSP.

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	HSPB7 Human solution containing 20mM Tris HCl pH-8, 0.2M NaCl, 2mM DTT & 50% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MSHRTSSTFR AERSFHSSSS SSSSSTSSSA SRALPAQDPP MEKALSMFSD DFGSFMRPHS EPLAFPARPG GAGNIKTLGD AYEFAVDVRD FSPEDIIVTT SNNHIEVRAE KLAADGTVMN TFAHKCQLPE DVDPTSVTSA LREDGSLTIR ARRHPHTEHV QQTFRTEIKI.

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