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32-13522: HSPB6 Human

Alternative Name :	Heat Shock Protein, Alpha-Crystallin-Related, B6, Heat Shock 20 KDa-Like Protein P20, Hsp20, Protein Phosphatase 1, Regulatory Subunit 91, Epididymis Luminal Protein 55, Heat Shock Protein Beta-6, Protein Phosphatase 1, Regulatory Subunit 91, PPP1R91, HEL55, HspB6, Heat shock protein beta-6.

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
Heat shock prtein beta-6, also known as HSPB6 is a member of the small heat shock protein (HSP20) family.Â This locus encodes a heat shock protein.Â HSPB6 plays a role in smooth muscle relaxation. Among the diseases which are associated with HSPB6: Cerebral hemorrhage and Cerebral amyloid angiopathy.
HSPB6 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 184 amino acids (1-160 a.a) and having a molecular mass of 19.7kDa. HSPB6 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	HSPB6 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 30% glycerol, 1mM DTT, 1mM EDTA and 0.1mM PMSF.
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 MGSHMEIPVP VQPSWLRRAS APLPGLSAPG RLFDQRFGEG LLEAELAALC PTTLAPYYLR APSVALPVAQ VPTDPGHFSV LLDVKHFSPE EIAVKVVGEH VEVHARHEER PDEHGFVARE FHRRYRLPPG VDPAAVTSAL SPEGVLSIQA APASAQAPPP AAAK.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.