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

HSPB6 Human

Heat Shock 27kDa Protein 6 Human Recombinant
RCP1087

Product Overview

Name	HSPB6 Human
Description	
Heat Shock 27kDa Protein 6 Human Recombinant	
Accession (Primary)	O14558
Synonyms	
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.	
Introduction	
Heat shock prtein beta-6, also known as HSPB6 is a member of the small heat shock protein (HSP20) family. This locus encodes a heat shock protein. HSPB6 plays a role in smooth muscle relaxation. Among the diseases which are associated with HSPB6: Cerebral hemorrhage and Cerebral amyloid angiopathy.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
HSPB6 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 30% glycerol, 1mM DTT, 1mM EDTA and 0.1mM PMSF.	
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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MEIPVP VQPSWLRRAS APLPGLSAPG RLFDQRFGEG LLEAELAALC PTTLAPYYLR APSVALPVAQ VPTDPGHFSV LLDVKHFSPE EIAVKVVGEH VEVHARHEER PDEHGFVARE FHRRYRLPPG VDPAAVTSAL SPEGVLSIQA APASAQAPPP AAAK.	

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Precautions

HSPB6 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O14558)