Product datasheet for TP309637M

Hsp20 (HSPB6) (NM_144617) Human Recombinant Protein

Product data:

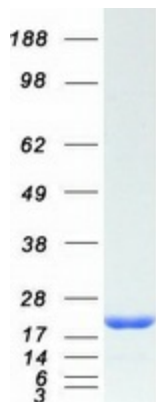|	
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human heat shock protein, alpha-crystallin-related, B6 (HSPB6), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209637 protein sequence Red=Cloning site Green=Tags(s) MEIPVPVQPSWLRRASAPLLGLSAPGRLFDQRFGEGLLEAELAALCPTTLAPYYLRAPSVALPVAQVPTD PGHFSVLLDVKHFSPEEIAVKVVGEHVEVHARHEERPDEHGFVAREFHRRYRLPPGVDPAAVTSALSPEG VLSIQAAPASAQAPPPAAAK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	17 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_653218
Locus ID:	126393
UniProt ID:	O14558, V9HWB6

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RefSeq Size:	1480
Cytogenetics:	19q13.12
RefSeq ORF:	480
Synonyms:	HEL55; Hsp20; PPP1R91
Summary:	This locus encodes a heat shock protein. The encoded protein likely plays a role in smooth muscle relaxation. [provided by RefSeq, Jan 2012]

Product images:

Coomassie blue staining of purified HSPB6 protein (Cat# [TP309637]). The protein was produced from HEK293T cells transfected with HSPB6 cDNA clone (Cat# [RC209637]) using MegaTran 2.0 (Cat# [TT210002]).