

HSPB6, 1-160aa, Human, His tag, E.coli

Cat.NO.: TP02535

3th Edition

Synonyms:Heat shock protein beta-6, HEL55, Hsp20

Description:HSPB6 also known as Heat shock prtein beta-6. This locus encodes a heat shock protein. This protein likely plays a role in smooth muscle relaxation. Recombinant human HSPB6, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid, In Phosphate buffered saline (pH7.4) containing 30% glycerol, 1mM DTT, 1mM EDTA, 0.1mM PMSF

Molecular Weight:19.7kDa (184aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMEIPVPVQPSWLRRASAPLPGLSAPGRLFDQRFGEGLLEAEELAALCPTTLA
PYYLRAPSVALPVAQVPTDPGHFSVLLDVKHFSPEEIAVKVVGHEHVEVHARHEERPDEHGFVAREFHRRYRLPPGV
DPAAVTSALSPEGVLSIQAAPASAQAPPPAAAK

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.