

Heat Shock 27kDa Protein 2 Human Recombinant

Item Number	rAP-3415
Synonyms	Heat shock 27kDa protein 2, DMPK-binding protein, MKBP, HSP27, LOH11CR1K.
Description	HSPB2 Human Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 206 amino acids (1-182) and having a molecular mass of 22.8kDa. HSPB2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q16082
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMGRSV PHAHPATAEY EFANPSRLGE QRFGEGLLPE EILTPT-LYHG YYVRPRAAPA GEGSRAGASE LRLSEGKFQA FLDVSHFTPD EVTVRTVDNL LEVSARHPQR LDRHGFVSRE FCRTYVLPAD VDPWRVRAAL SHDGILNLEA PRGGRHLDTE VNEVYISLLP AP-PDPEEEEE AAIVEP.
Source	<i>E. coli</i> .
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The HSPB2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**