

Heat Shock Protein B9 Human Recombinant

Item Number	rAP-3414
Synonyms	Heat shock protein beta-9, HspB9, Cancer/testis antigen 51, CT51, HSPB9.
Description	HSPB9 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 179 amino acids (1-159 a.a.) and having a molecular mass of 19.6kDa.HSPB9 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9BQS6
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MQRVGNTFSN ESRVASRCPS VGLAERNRVA TMPVRLLRDS PAAQEDNDHA RDGFQMKLDA HGFAPPEELVV QVDGQWLMVT GQQQLDVRDP ERVSYRMSQK VHRK- MLPSNL SPTAMTCCLT PSGQLWVRGQ CVALALPEAQ TGPSPLRGSL GSKASNLTR.
Source	E.coli.
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 HSPB9 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 50% glycerol, 0.2M NaCl and 2mM DTT. Greater than 85% 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**