

Recombinant Human Heat Shock Protein, Alpha-crystallin-related, B9, His-tagged

Cat. No. HSPB9-5581H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanHSPB9 protein,fused to His-tag at N-terminus, was expressed in E. coli andpurified by using conventional chromatography.
Species	Human
Source	E.coli
Description	HSPB9, also known asCT51, belongs to the small heat shockprotein (HSP20) family. Localizing to thecytoplasm as well as the nucleus, HSPB9 isexpressed specifically in the testis.
Form	Liquid. 20mMTris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 2mM DTT.
Molecular Weight	19.6 kDa (179aa)confirmed by MALDI-TOF
Purity	> 85% by SDS-PAGE
Concentration	0.25 mg/ml(determined by Bradford assay)
Sequences of aminoacids	MGSSHHHHHHSSGLVPRGSH MQRVGNTFSN ESRVASRCPS VGLAERNRVA TMPVRLLRDS PAAQEDNDHARDGFQMKLDA HGFAPeelVV QVDGQWLMVT GQQQLDVRDP ERVSYRMSQK VHRKMLPSNL SPTAMTCCLTPSGQLWVRGQ CVALALPEAQ TGPSRLGSL GSKASNLTR

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Storage	Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot and storeat -20°C or -70°C. Avoid repeated freezing and thawing cycles.	
OfficialSymbol	HSPB9	
nullValue_other	Function	Protein binding
GENE INFORMATION		
Gene Name	HSPB9heat shock protein, alpha-crystallin-related, B9 [Homo sapiens]	
Synonyms	HSPB9; heatshock protein, alpha-crystallin-related, B9; CT51; heat shock protein beta-9;cancer/testis antigen 51; small heat shock protein B9; HspB9; FLJ27437; OTTHUMP000000164757	
Gene ID	94086	
mRNA Refseq	NM_033194	
Protein Refseq	NP_149971	
MIM	608344	
UniProt ID	Q9BQS6	
Chromosome Location	17q21.2	

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