

Recombinant Human HSPB8 Protein

Catalog #	Source	Reactivity	Applications
CRP1689	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human HSPB8 Protein is produced by our E. coli expression system and the target gene encoding Met1-Thr196 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	HSPB8		
Alternative Names	CRYAC; E2IG1; HSP22; Heat shock protein beta-8; HspB8; Alpha-crystallin C chain; E2-induced gene 1 protein; Protein kinase H11; Small stress protein-like protein HSP22		
Entrez Gene	26353 (Human)		
SwissProt	Q9UJY1 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MADGQMPFSC HYP SRLRRDP FRD S P L S S R L L D D G F G M D P F P D D L T A S W P D W A L P R L S S A W P G T L R S G M V P R G P T A T A R F G V P A E G R T P P P F P G E P W K V C V N V H S F K P E E L M V K T K D G Y V E V S G K H E E K Q Q E G G I V S K N F T K K I Q L P A E V D P V T V F A S L S P E G L L I E A P Q V P P Y S T F G E S S F N N E L P Q D S Q E V T C T L E H H H H H H		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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