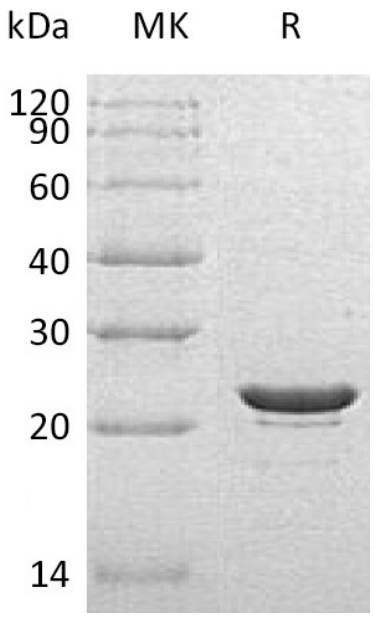
Product Name: Recombinant Human HSPB8 (C-6His)
Catalog #: PEH0781

Summary

Name	Heat shock protein beta-8/HSPB8
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Heat Shock Protein Beta-8 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.
Accession #	Q9UJY1
Host	E.coli
Species	Human
Predicted Molecular Mass	22.7 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 5mM EDTA, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

Product Name: Recombinant Human HSPB8 (C-6His)
Catalog #: PEH0781



Alternative Names

Heat shock protein beta-8; HspB8; Alpha-crystallin C chain; E2-induced gene 1 protein; Protein kinase H11; Small stress protein-like protein HSP22; HSPB8; CRYAC; E2IG1; HSP22

Background

Heat shock protein beta-8 (HSPB8) belongs to the small heat shock protein (HSP20) family. This protein can be inducted by 17-beta-estradiol, and is predominantly expressed in skeletal muscle and heat, mainly located in the cytoplasm and nucleus. HSPB8 usually exists in monomer, it can interact with HSPB1 and DNAJB6. HSPB8 displays temperature-dependent chaperone activity，appears to be involved in regulation of cell proliferation, apoptosis, and carcinogenesis, and mutations in this gene have been associated with different neuromuscular diseases, including Charcot-Marie-Tooth disease.

Note

For Research Use Only , Not for Diagnostic Use.