

Recombinant Human HSPB8 protein, His/MBP-tagged

Cat. No. HSPB8-165H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSPB8(1-145+170-196 aa) fused with His/MBP tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-145+170-196 aa
Description	The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The expression of this gene is induced by estrogen in estrogen receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy. Thus, this gene 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.
Form	Liquid in PBS
Purity	SDS-PAGE >90%
Applications	WB Positive Control
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage

Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name HSPB8 heat shock 22kDa protein 8 [Homo sapiens]

Official Symbol HSPB8

Synonyms HSPB8; heat shock 22kDa protein 8; heat shock 27kDa protein 8; heat shock protein beta-8; E2IG1; H11; HSP22; HspB8; protein kinase H11; alpha-crystallin C chain; E2-induced gene 1 protein; small stress protein-like protein HSP22; HMN2; CMT2L; DHMN2; HMN2A;

Gene ID 26353

mRNA Refseq NM_014365

Protein Refseq NP_055180

MIM 608014

UniProt ID Q9UJY1

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