

## 32-8359: Recombinant Human Heat Shock Protein beta-8//HSPB8 (C-6His)

**Gene :** HSPB8  
**Gene ID :** 26353  
**Uniprot ID :** Q9UJY1

### Description

Source: E. coli.  
MW :22.7kD.

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. Heat shock protein beta-8 (HSPB8) belongs to the small heat shock protein (HSP20) family. This protein can be induced 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MADGQMPFSCHYPSRLRRDPFRDSPLSSRLDDGFGMDPFPDDLTA SWPDWALPRLSSAWPGTLRSGMVPR  
GPTATARFGVPAEGRTPPFPGE PWKVCNVHSFKPEELMVKTKDGYVEVSGKHEEKQEGGIVSKNFTKKIQ  
LPAEVD PVTVFASLSPEGLLIIEAPQVPPYSTFGESSFNNELPQDSQEV TCTLEHHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.