

Recombinant Human HSPB8

Catalog No: #GP10491



Package Size: #GP10491-1 100ug

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Description

Product Name	Recombinant Human HSPB8
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	heat shock 22kDa protein 8
Other Names	H11; HMN2; CMT2L; DHMN2; E2IG1; HMN2A; HSP22
Accession No.	Swissprot:Q9UJY1 Gene Accession:BC002673
Uniprot	Q9UJY1
GeneID	26353;
Storage	-20~-80°C, pH 7.6 PBS

Background

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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