

## Recombinant Mouse Hspb1 Protein, MYC/DDK-tagged

Cat. No. Hspb1-1187M    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Purified recombinant protein of full-length mouse heat shock protein 1 (Hspb1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.  |
| Species          | Mouse                                                                                                                                         |
| Source           | HEK293                                                                                                                                        |
| Description      | Involved in stress resistance and actin organization.                                                                                         |
| Molecular Mass   | 23.5 kDa                                                                                                                                      |
| Purity           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                    |
| Stability        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage          | Store at -80 centigrade after receiving vials.                                                                                                |
| Concentration    | >50 g/mL as determined by microplate BCA method                                                                                               |
| Storage Buffer   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                         |

### GENE INFORMATION

|           |                                                           |
|-----------|-----------------------------------------------------------|
| Gene Name | Hspb1 heat shock protein 1 [ Mus musculus (house mouse) ] |
|-----------|-----------------------------------------------------------|

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|                 |                                                                                                                                                                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Official Symbol | Hspb1                                                                                                                                                                                                                                                   |
| Synonyms        | Hspb1; heat shock protein 1; 27kDa; Hsp25; heat shock protein beta-1; HSP 25; HSP 27; growth-related 25 kDa protein; heat shock 25 kDa protein; heat shock 27 kDa protein; heat shock 27kDa protein 1; heat shock protein, 25 kDa; p25; truncated hsp25 |
| Gene ID         | 15507                                                                                                                                                                                                                                                   |
| mRNA Refseq     | NM_013560                                                                                                                                                                                                                                               |
| Protein Refseq  | NP_038588                                                                                                                                                                                                                                               |
| UniProt ID      | P14602                                                                                                                                                                                                                                                  |

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