

Recombinant Mouse Hspe1 Protein, MYC/DDK-tagged

Cat. No. Hspe1-1193M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse heat shock protein 1 (chaperonin 10) (Hspe1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Eukaryotic CPN10 homolog which is essential for mitochondrial protein biogenesis, together with CPN60. Binds to CPN60 in the presence of Mg-ATP and suppresses the ATPase activity of the latter.
Molecular Mass	11 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

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Gene Name	Hspe1 heat shock protein 1 (chaperonin 10) [Mus musculus (house mouse)]
Official Symbol	Hspe1
Synonyms	Hspe1; heat shock protein 1 (chaperonin 10); 10kDa; Hsp10; mt-cpn10; 10 kDa heat shock protein, mitochondrial; 10 kDa chaperonin; CPN10; chaperonin 10; heat shock 10 kDa protein 1 (chaperonin 10); mitochondrial chaperonin 10
Gene ID	15528
mRNA Refseq	NM_008303
Protein Refseq	NP_032329
UniProt ID	Q64433

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