

Recombinant Mouse Hspa5 Protein, MYC/DDK-tagged

Cat. No. Hspa5-1067M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse heat shock protein 5 (Hspa5), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitous expression in placenta adult (RPKM 321.6), genital fat pad adult (RPKM 154.1) and 28 other tissues.
Molecular Mass	72.4 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 µg/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	Hspa5 heat shock protein 5 [Mus musculus (house mouse)]
Official Symbol	Hspa5
Synonyms	Hspa5; heat shock protein 5; Bip; Sez7; mBiP; Grp78; SEZ-7; Hsce70; baffled; AL022860; AU019543; D2Wsu17e; D2Wsu141e; endoplasmic reticulum chaperone BiP; 78 kDa glucose-regulated protein; GRP-78; HSP70 family protein 5; XAP-1 antigen; binding-immunoglobulin protein; glucose regulated protein, 78 kDa; heat shock 70 kDa protein 5; heat shock 70kD protein 5 (glucose-regulated protein, 78kD); heat shock protein 70 family protein 5; heat shock protein family A member 5; immunoglobulin heavy chain-binding protein; EC 3.6.4.10
Gene ID	14828
mRNA Refseq	NM_001163434
Protein Refseq	NP_001156906
UniProt ID	P20029