

## Recombinant Mouse Hspa5 Protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse heat shock protein 5 (Hspa5), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Ubiquitous expression in placenta adult (RPKM 321.6), genital fat pad adult (RPKM 154.1) and 28 other tissues.
<b>Molecular Mass</b>	72.4 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 g/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Hspa5 heat shock protein 5 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Hspa5
<b>Synonyms</b>	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
<b>Gene ID</b>	14828
<b>mRNA Refseq</b>	NM_001163434
<b>Protein Refseq</b>	NP_001156906
<b>UniProt ID</b>	P20029

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