

Recombinant Mouse Hikeshi Protein, Myc/DDK-tagged

Cat. No. Hikeshi-3396M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length heat shock protein nuclear import factor (Hikeshi), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a specific nuclear import carrier for HSP70 proteins following heat-shock stress: acts by mediating the nucleoporin-dependent translocation of ATP-bound HSP70 proteins into the nucleus. HSP70 proteins import is required to protect cells from heat shock damages. Does not translocate ADP-bound HSP70 proteins into the nucleus. May also be indirectly required for organization and/or function of the secretory apparatus in Clara cells in lung.
Molecular Mass	21.6 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Hikeshi heat shock protein nuclear import factor [*Mus musculus* (house mouse)]

Official Symbol Hikeshi

Synonyms Hikeshi; heat shock protein nuclear import factor; I7; Hike; I(7); I7Rn6; I(7)6Rn; 0610007P06Rik; 1110002N09Rik; protein Hikeshi; lethal gene on chromosome 7 Rinchik 6 protein

Gene ID 67669

mRNA Refseq NM_026304

Protein Refseq NP_080580

UniProt ID Q9DD02

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