Recombinant Mouse Hsf2 Protein, MYC/DDK-tagged

Cat. No. Hsf2-1184M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse heat shock factor 2 (Hsf2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	DNA-binding protein that specifically binds heat shock promoter elements (HSE) and activates transcription. In higher eukaryotes, HSF is unable to bind to the HSE unless the cells are heat shocked. HSF2 is expressed in a form that binds DNA constitutively but loses DNA binding by incubation at greater than 41 degrees C.
Molecular Mass	58.2 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.

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GENE INFORMATION

Gene Name	Hsf2 heat shock factor 2 [Mus musculus (house mouse)]
Official Symbol	Hsf2
Synonyms	Hsf2; heat shock factor 2; AI661205; heat shock factor protein 2; HSF 2; HSTF 2; heat shock transcription factor 2
Gene ID	15500
mRNA Refseq	NM_008297
Protein Refseq	NP_032323
UniProt ID	P38533

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