

Recombinant Mouse Hsf1 Protein, MYC/DDK-tagged

Cat. No. Hsf1-1183M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse heat shock factor 1 (Hsf1), 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.
Molecular Mass	55.4 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 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Hsf1 heat shock factor 1 [Mus musculus (house mouse)]
Official Symbol	Hsf1
Synonyms	Hsf1; heat shock factor 1; HSTF; HSTF 1; AA960185; Hsf1beta; Hsf1alpha; heat shock factor protein 1
Gene ID	15499
mRNA Refseq	NM_008296
Protein Refseq	NP_032322
UniProt ID	P38532

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