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Product datasheet for TP508286

Hsf2 (NM_008297) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse heat shock factor 2 (Hsf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208286 protein sequence Red=Cloning site Green=Tags(s) MKQSSNVPAFLSKLWTLVEETHTNEFITWSQNGQSFLVLDEQRFAKEILPKYFKHNNMASFVRQLNMYGF RKVVHIESGIIKQERDGPVEFQHPYFKQGQDDLLENIKRKVSSSKPEENKIRQEDLTKIISSAQKVQIKQ ETIESRLSELKSENESLWKEVSELRAKHAQQQQVIRKIVQFIVTLVQNNQLVSLKRKRPLLLNTNGAPKK NLYQHIVKEPTDNHHHKVPHSRTEGLKSRERISDDIIIYDVTDDNVDEENIPVIPETNEDVVVDSSNQYP DIVIVEDDNEDEYAPVIQSGEQSEPAREPLRVGSAGSSSPLMSSAVQLNGSSNLTSDDPVTMMDSILNDN INLLGKVELLDYLDSIDCSLEDFQAMLSGRQFSIDPDLLVDSENKGLEATKSSVVQHVSEEGRKSKSKPD KQLIQYTAFPLLAFLDGNSASAIEQGSTTASSEVVPSVDKPIEVDELLDSSLDPEPTQSKLVRLEPLTEA EASEATLFYLCELAPAPLDSDMPLLDS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	58.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_032323

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Locus ID:	15500
UniProt ID:	P38533, Q8BWK6
RefSeq Size:	2623
Cytogenetics:	10 B4
RefSeq ORF:	1554
Synonyms:	AI661205
Summary:	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.[UniProtKB/Swiss-Prot Function]