

## Product datasheet for TP508190

### Hspa14 (NM\_015765) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse heat shock protein 14 (Hspa14), transcript variant 1, full length, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208190 representing NM_015765 Red=Cloning site Green=Tags(s)

MAAIGVHLGCTSACVAVYKDGADWANDAGDRVTPAIVAYSEREQVWGLAAKQSRIRHVSSTWVKVKQI  
LGRSSADPQAQKYISESKCLVIEKNGKLRYEIDTGEETKLVNPEVARLIFSKMKETAHSVLSGDANDVW  
VTVPFDFGEKQKSALGEAAGAAGFNVLRLIHEPSAALLAYGIGQDHPTGKSNVLFKLGSTLSLSVMEV  
NSGMYRVLSTNTSDNIGGAHFTDTLAQYLASEFQRLFKHDVVRGNARAMMKLMNSAEVAKHSLSTLGSANC  
FVDSLYEGQDFDCNVSRRARFELLCSPLFNKCTEAIRELLRQTGFTADDINKVWLCGGSSRIPKLQQLIKD  
LFPVDLLNSIPPDEVIPIGAAIEAGILVGKESTSGDSSVMIECSAKDILVKGVDESADRFTVLFPSGT  
PLPARRQHTLQAPGRVSSVCLELYESEGKNSAKEEAKFAQVVLQDLDDKENGRLDILAVLTMKRDSGLQV  
TCTDQDTGKCEAITVEVAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	54.7 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. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

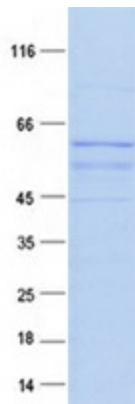


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RefSeq: [NP\\_056580](#)  
Locus ID: 50497  
UniProt ID: [Q99M31](#)  
RefSeq Size: 1791  
Cytogenetics: 2 A1  
RefSeq ORF: 1527  
Synonyms: 70kDa; Hsp70-4; HSP70L1; hsr.1; NST-1

**Summary:** Component of the ribosome-associated complex (RAC), a complex involved in folding or maintaining nascent polypeptides in a folding-competent state. In the RAC complex, binds to the nascent polypeptide chain, while DNAJC2 stimulates its ATPase activity (By similarity). [UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified Hspa14 protein (Cat# TP508190). The protein was produced from HEK293T cells transfected with Hspa14 cDNA clone (Cat# [MR208190]) using MegaTran 2.0 (Cat# [TT210002]).