

Product datasheet for **TP517345**

Hus1 (NM_008316) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse HUS1 checkpoint clamp component (Hus1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217345 representing NM_008316 Red =Cloning site Green =Tags(s)
	 MKFRAKIVDLACLNFHTRVSNMIAKLAKTCTLRISPEKLNFILCDKLGSGVSMWCELEQENFFSEFQME GVSEENNEIYLELTSENLSRALKTAQNSRALKIKLTNKHFPCLTVSVELQVSSSSSRIVVHDIPIKVL RRLWKDLQEPSIPDCDVSICLPALKMMKSVVEKMRNISNQLVIEANLKGELNLKIETELVCVTTHFKDLE NPLLPSDSVSQNRHPEDMAKVHIDIKLLQFLAGQQVTPTKAVCNIVNNRTVHFDLLLEDVSLQYFIPAL S TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	32.3 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_032342
Locus ID:	15574
UniProt ID:	Q8BOY8



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RefSeq Size: 4581

Cytogenetics: 11 5.74 cM

RefSeq ORF: 843

Summary: This gene encodes a component of a cell cycle checkpoint complex that causes cell cycle arrest in response to bulky DNA lesions and DNA replication blockage. Together with the proteins Rad9 and Rad1, the encoded protein forms a heterotrimeric complex known as the 9-1-1 complex. Mice lacking the encoded protein develop spontaneous chromosomal abnormalities resulting in embryonic lethality. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2015]