

Recombinant Mouse Hus1 Protein, MYC/DDK-tagged

Cat. No. Hus1-1201M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse HUS1 checkpoint clamp component (Hus1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	32.3 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 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Hus1 HUS1 checkpoint clamp component [Mus musculus (house mouse)]
Official Symbol	Hus1
Synonyms	Hus1; HUS1 checkpoint clamp component; checkpoint protein HUS1; Hus1 homolog
Gene ID	15574
mRNA Refseq	NM_008316
Protein Refseq	NP_032342
UniProt ID	Q8BQY8

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