Recombinant Mouse Bub3 Protein, MYC/DDK-tagged

Cat. No. Bub3-727M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse BUB3 mitotic checkpoint protein (Bub3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a component of the mitotic spindle assembly complex. The encoded protein is involved in the regulation of chromosome segregation during oocyte meiosis. Disruption of this gene results in the accumulation of mitotic errors and is lethal in the embryonic stage. Alternative splicing results in multiple transcript variants.
Molecular Mass	37 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Bub3 BUB3 mitotic checkpoint protein [Mus musculus (house mouse)]
Official Symbol	Bub3
Synonyms	Bub3; BUB3 mitotic checkpoint protein; C78067; AU019800; AU021329; AU043350; AW146323; mitotic checkpoint protein BUB3; WD repeat type I transmembrane protein A72.5; budding uninhibited by benzimidazoles 3 homolog
Gene ID	12237
mRNA Refseq	NM_009774
Protein Refseq	NP_033904
UniProt ID	Q9WVA3

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