

Recombinant Mouse Usb1 Protein, MYC/DDK-tagged

Cat. No. Usb1-196M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse U6 snRNA biogenesis 1 (Usb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Phosphodiesterase responsible for the U6 snRNA 3' end processing. Acts as an exoribonuclease (RNase) responsible for trimming the poly(U) tract of the last nucleotides in the pre-U6 snRNA molecule, leading to the formation of mature U6 snRNA 3' end-terminated with a 2',3'-cyclic phosphate.
Molecular Mass	30.3 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 ug/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	Usb1 U6 snRNA biogenesis 1 [Mus musculus (house mouse)]
Official Symbol	Usb1
Synonyms	Usb1; U6 snRNA biogenesis 1; AA960436; U6 snRNA phosphodiesterase; UPF0406 protein C16orf57 homolog; putative U6 snRNA phosphodiesterase; EC 3.1.4.-
Gene ID	101985
mRNA Refseq	NM_133954
Protein Refseq	NP_598715
UniProt ID	Q91W78

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