

Recombinant Mouse Usb1 Protein, MYC/DDK-tagged

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

SPECIFICATION

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| 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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 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

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|------------------------|--|
| 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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