

Product datasheet for **TP503537**

Usb1 (NM_133954) Mouse Recombinant Protein

Product data:

| | |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse U6 snRNA biogenesis 1 (Usb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR203537 protein sequence Red =Cloning site Green =Tags(s) |
| | <p>MSSAPLVGYSSSGSEDEAEVAAGRSKPGTGFHRCGQNPVPSEKLPVPDSVLSMFPSTEEGPEDDSAKHG GRIRTFPHERGNWATHIYPYEAKEDFRDLLDALLPRAQMFVPRVLMEEFHVLSLSQSVLRRHHWILPFV QVLKDRMASFQRFFFTANRVKIYTNQEKTRTFIGLEVSSGHAQFLDLVSEVDRAMKEFDLTTTFYQDPSFH ISLAWCVGDASLQLEGQCLQELQEIVDEFEDSEMILLRVLANQVRCKSGNKFFSMPLK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-MYC/DDK |
| Predicted MW: | 30.3 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_598715 |
| Locus ID: | 101985 |
| UniProt ID: | Q91W78 , A0A0R4J0E0 |
| RefSeq Size: | 1764 |



[View online »](#)

Cytogenetics: 8 C5

RefSeq ORF: 804

Synonyms: AA960436

Summary: 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.[UniProtKB/Swiss-Prot Function]