

Product datasheet for **TP502174**

Mis12 (NM_025993) Mouse Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse MIS12 kinetochore complex component (Mis12), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR202174 representing NM_025993 Red =Cloning site Green =Tags(s) |
| | MSVDPMAYEAQFFGFTPQTCLLRIVAFQDHLFEVMQAVEQVILKKLEDIPNCEITPVQTRKCTEKFLCF MKGRFDNLF GKMEQLILQSILCIPPNIILLPEDKQCETNPFSEEKLELLQEQIKELQEKYKVELCTEQALL AELEEQKTVKAKLRETLTFFDELENIGRYQGTSNFRESLASLVQSCRKLQSIRDNVEKESRRLETQ |
| | TR TRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-MYC/DDK |
| Predicted MW: | 24.6 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_080269 |
| Locus ID: | 67139 |
| UniProt ID: | Q9CY25 |
| RefSeq Size: | 2766 |
| Cytogenetics: | 11 B4 |



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RefSeq ORF: 618

Synonyms: 2510025F08Rik; AU044651; Misc12

Summary: Part of the MIS12 complex which is required for normal chromosome alignment and segregation and for kinetochore formation during mitosis. Essential for proper kinetochore microtubule attachments.[UniProtKB/Swiss-Prot Function]