

Product datasheet for **TP509250**

Setd3 (BC019973) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse SET domain containing 3 (cDNA clone MGC:28544 IMAGE:4195130), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR209250 representing BC019973 Red =Cloning site Green =Tags(s) |
| | <p>MGKKSrvKTQKSGTGATATVSPKEILNLTSELLQKCSPAPSPGKEWEEYTQIRALVEKIRKKQKGLSVT FDGKREDYFPDLMKWAENGASVEGFEMVNFKEEGFLRATRDIAEELFLWVPRKLLMTVESAKNSVLG PLYSQDRILQAMGNIALAFHLLCERASPNSFWQPYIQTLPSEYDTPLYFEEEEVRCLQSTQAIHDFVSQY KNTARQYAYFYKVIQTHPHANKLPLKESFTYEDYRWAVSSVMTRQNQIPTEDGSRVTLALIPLWDMCNHT NGLITTGYNLEDDRCECVLQDFQAGDQIYIFYGTRSNAEFVIHSGFFFDNNSHDRVKIKLGVSKSDRLY AMKAEVLARAGIPTSSVFALHSTEPPISAQLLAFLRVFCMTEELKEHLLGDSAIDRFTLGNAEFPVSW DNEVKLWTFLEDRASLLLKTYKTIEEDKIVLKNPDL SVRATMAIKLRLGEKEILEKAVKSAAVNREYYR KHMEERAPLPRYEESDLGLLEGGVGD SRLPLVLRKLEEEAGVQESLSLTETVSKVKAENGLVNGENLIP NGTRSENESSLPEESENVTGEESGSMKVKERL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-MYC/DDK |
| Predicted MW: | 90.8 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. |



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| Locus ID: | 52690 |
| UniProt ID: | Q91WC0 |
| RefSeq Size: | 2477 |
| Cytogenetics: | 12 59.23 cM |
| RefSeq ORF: | 1782 |
| Synonyms: | 2610102I01Rik; 2610305M23Rik; 6030490B17Rik; D12Ertd771e |
| Summary: | Protein-histidine N-methyltransferase that specifically mediates methylation of actin at 'His-73' (PubMed:30626964). Histidine methylation of actin is required for smooth muscle contraction of the laboring uterus during delivery (PubMed:30626964). Does not have protein-lysine N-methyltransferase activity and probably only catalyzes histidine methylation of actin (PubMed:30626964).[UniProtKB/Swiss-Prot Function] |