

## Product datasheet for **TP508819**

### Men1 (NM\_001168490) Mouse Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Mouse multiple endocrine neoplasia 1 (Men1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species:                              | Mouse  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >MR208819 representing NM_001168490<br>Red=Cloning site Green=Tags(s)  |

MGLKAAQKTLFPLRSIDVRLFAAELGREEDLVLLSLVLGFVEHFLAVNRVIPTNPPELTFQPSPAPD  
PPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRELVKVSDVIWNSLSRSYFKDRAHI  
QSLFSFITGKLDSSGVAFVAVGACQALGLRDVHLALSEDHAWVFGPNGEQTA EVTWHGKGNEDRRGQT  
VNAGVAERSWLYLKGSYMRCDRKMVAFMVCAINPSIDLHTDSLELLQLQKLLWLLYDLGHLERYPMAL  
GNLADLEELEPTPGRPDPLTYHKGIAKTYQDEHIYPYMYLAGYHCRNRNVREALQAWADTATVIQD  
YNYCREDEEIIYKEFFEVDVIPNLLKEAASLLETGEERTGEQAQVRQKVHIVSREAEAAEAEPEPWGDEA  
REGRRRGRPRRESKPEEPPPKPALDKGPGSGQSAGSGPPRKTSGTVPGTTRGGQEVGNAAQAPAPAASP  
PPEGVPLTFQSEKMKGMKELLVATKINSSAIKQLTAQSQVQMKKQKVSTPSDYTLFLKRQRKGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                |  |
|----------------|--|
| Tag:           | C-MYC/DDK  |
| Predicted MW:  | 61.9 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:        | <a href="#">NP_001161962</a>   |



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Locus ID: 17283

UniProt ID: [O88559](#)

RefSeq Size: 2815

Cytogenetics: 19 A

RefSeq ORF: 1668

Synonyms: AW045611

**Summary:** Essential component of a MLL/SET1 histone methyltransferase (HMT) complex, a complex that specifically methylates 'Lys-4' of histone H3 (H3K4). Functions as a transcriptional regulator. Binds to the TERT promoter and represses telomerase expression. Plays a role in TGFB1-mediated inhibition of cell-proliferation, possibly regulating SMAD3 transcriptional activity. Represses JUND-mediated transcriptional activation on AP1 sites, as well as that mediated by NFKB subunit RELA. Positively regulates HOXC8 and HOXC6 gene expression (By similarity). May be involved in normal hematopoiesis through the activation of HOXA9 expression. May be involved in DNA repair.[UniProtKB/Swiss-Prot Function]