

## Product datasheet for **TP503932**

### Morf4I2 (NM\_001168229) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse mortality factor 4 like 2 (Morf4I2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203932 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MSSRKQASQTRGQQSAEEDNFKKPTRSNMQRSKMRGAASGKKSAGSQPKNLDPALPGRWGGRSAENPPSG SVRKTRKNKQKAPGNGDGGSTSEVPQPPRKKRARADPTVESEEAFKSRMEVKVKIPEELKPWLVEDWDLV TRQKQLFQLPAKKNVDAILEEYANCKKSQGNVDNKEYAVNEVVGGIKEYFNVMLGTQLLYKFERPQYAEI LLAHPDAPMSQIYGAPHLLRLFVRIGAMLAYTPLDEKSLALLLGYLHDFLKYLAKNASASLTASDYKVAS ADYHRKAL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	32.2 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_001161701</a>
Locus ID:	56397
UniProt ID:	<a href="#">Q9R0Q4</a>



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RefSeq Size: 1803

Cytogenetics: X F1

RefSeq ORF: 867

Synonyms: 2410017O14Rik; mKIAA0026; Mrgx; Sid393p

**Summary:** Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. The NuA4 complex ATPase and helicase activities seem to be, at least in part, contributed by the association of RUVBL1 and RUVBL2 with EP400. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage. Also component of the MSIN3A complex which acts to repress transcription by deacetylation of nucleosomal histones (By similarity).[UniProtKB/Swiss-Prot Function]