

## Product datasheet for TP526569

### Meis2 (NM\_001159568) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse Meis homeobox 2 (Meis2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR226569 representing NM\_001159568

**Red**=Cloning site **Green**=Tags(s)

MAQRYDELPHYGGMDGVGVPASMYGDPHAPRPIPPVHHLNHGPPLHATQHYGAHAPHPNVMPASMGSAVN  
DALKRDKDAIYGHPLFPLLALVFEKCELATCTPREPGVAGGDVCSDFSFNEDIAVFAKQVRAEKPLFSSN  
PELDNLMIAIQVLRFHLLLEKVELCDNFCHRYISCLKGKMPIDLVIDERDGSKSDHEELSGSSTNL  
ADHNPSSWRDHDDATSTHSAGTPGPSSGGHASQSGDNSSEQGDGLDNSVASPGTGDDDDPKDKKRQKKR  
GIFPKVATNIMRAWLFQHLTHPYPSEEQKKQLAQDTGLTILQVNNWFINARRRIVQPMIDQSNRAGFLLD  
PSVSQGAAYSPEGQPMGSFVLDGQQHMGIRPAGLQSMGPDYVSQGGPMGMGMAQPSYTPPQMTPHPTQLR  
HGPPMHSYLPSPHHPAMVMHGGPPTHPGMTMSAQSPTMLNSVDPNVGGQVMDIHAQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 52.2 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:** [NP\\_001153040](#)

**Locus ID:** 17536



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**UniProt ID:** [P97367](#), [Q3UJ35](#)

**RefSeq Size:** 4642

**Cytogenetics:** 2 58.28 cM

**RefSeq ORF:** 1431

**Synonyms:** A430109D20Rik; Mei; Mrg; Mrg1; Str; Stra10

**Summary:** This gene encodes a homeobox protein belonging to the TALE ('three amino acid loop extension') family of homeodomain-containing proteins. TALE homeobox proteins are highly conserved transcriptional regulators and several members have been shown to be essential contributors to developmental programs. In mice, a knock-out of this gene leads to lethality at embryonic day 14, accompanied with hemorrhaging. Embryos lacking this gene show defects in tissues derived from the neural crest, suggesting a critical role of this gene during cranial and cardiac neural crest cell development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]