

OriGene Technologies, Inc.

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Product datasheet for TP322807

MEIS2 (NM_170677) Human Recombinant Protein

Product data:

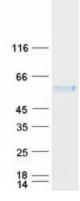
| Product Type: | Recombinant Proteins |
|---|---|
| Description: | Recombinant protein of human Meis homeobox 2 (MEIS2), transcript variant a, 20 μg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC222807 representing NM_170677 <mark>Red</mark> =Cloning site Green=Tags(s) |
| | MAQRYDELPHYGGMDGVGVPASMYGDPHAPRPIPPVHHLNHGPPLHATQHYGAHAPHPNVMPASMGSAVN DALKRDKDAIYGHPLFPLLALVFEKCELATCTPREPGVAGGDVCSSDSFNEDIAVFAKQVRAEKPLFSSN PELDNLMIQAIQVLRFHLLELEKVHELCDNFCHRYISCLKGKMPIDLVIDERDGSSKSDHEELSGSSTNL ADHNPSSWRDHDDATSTHSAGTPGPSSGGHASQSGDNSSEQGDGLDNSVASPGTGDDDDPDKDKKRQKKR GIFPKVATNIMRAWLFQHLTHPYPSEEQKKQLAQDTGLTILQVNNWFINARRRIVQPMIDQSNRAGFLLD PSVSQGAAYSPEGQPMGSFVLDGQQHMGIRPAGPMSGMGMNMGMDGQWHYM |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 43.6 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 |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| 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. |
| 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: | <u>NP 733777</u> |
| Locus ID: | 4212 |



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| | MEIS2 (NM_170677) Human Recombinant Protein – TP322807 |
|------------------|---|
| UniProt ID: | <u>O14770, B3KPD8</u> |
| RefSeq Size: | 3721 |
| Cytogenetics: | 15q14 |
| RefSeq ORF: | 1203 |
| Synonyms: | CPCMR; HsT18361; MRG1 |
| 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 transcription regulators, and several members have been shown to be essential contributors to developmental programs. Multiple transcript variants encoding distinct isoforms have been described for this gene. [provided by RefSeq, Jul 2008] |
| Protein Families | Transcription Factors |

Product images:



Coomassie blue staining of purified MEIS2 protein (Cat# TP322807). The protein was produced from HEK293T cells transfected with MEIS2 cDNA clone (Cat# [RC222807]) using MegaTran 2.0 (Cat# [TT210002]).

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