

Product datasheet for TP322807M

OriGene Technologies, Inc.

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MEIS2 (NM_170677) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human Meis homeobox 2 (MEIS2), transcript variant a, 100 μg

Species: Human Expression Host: HEK293T

Expression cDNA >RC222807 representing NM_170677
Clone or AA Red=Cloning site Green=Tags(s)

Sequence:

MAQRYDELPHYGGMDGVGVPASMYGDPHAPRPIPPVHHLNHGPPLHATQHYGAHAPHPNVMPASMGSAVN

DALKRDKDAIYGHPLFPLLALVFEKCELATCTPREPGVAGGDVCSSDSFNEDIAVFAKQVRAEKPLFSSN PELDNLMIQAIQVLRFHLLELEKVHELCDNFCHRYISCLKGKMPIDLVIDERDGSSKSDHEELSGSSTNL

ADHNPSSWRDHDDATSTHSAGTPGPSSGGHASQSGDNSSEQGDGLDNSVASPGTGDDDDPDKDKKRQKKR

 ${\sf GIFPKVATNIMRAWLFQHLTHPYPSEEQKKQLAQDTGLTILQVNNWFINARRRIVQPMIDQSNRAGFLLD}$

PSVSQGAAYSPEGQPMGSFVLDGQQHMGIRPAGPMSGMGMNMGMDGQWHYM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 43.6 kDa

Concentration: $>0.05 \mu g/\mu L$ 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: NP 733777

Locus ID: 4212



UniProt ID: <u>014770</u>, <u>B3KPD8</u>

RefSeq Size: 3721 Cytogenetics: 15q14 RefSeq ORF: 1203

Synonyms: CPCMR; HsT18361; MRG1

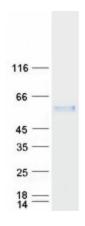
Summary: This gene encodes a homeobox protein belonging to the TALE ('three amino acid loop extension')

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]).