

Product datasheet for **MR225806**

Meis1 (NM_001193271) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Meis1 (NM_001193271) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Meis1
Synonyms: C530044H18Rik; Evi8
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR225806 representing NM_001193271
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCAAAGGTACGACGACCTACCCATTATGGGGGTATGGATGGAGTAGGCATCCCCTCCACGATGT
 ATGGGGACCCGCATGCAGCCAGGTCCATGCAACCGGTCCACCACCTGAACCACGGGCCTCCTCTGCACTC
 GCATCAGTACCCGCACACAGCTCACACCAACGCCATGGCCCCAGCATGGGTTCTCGGTCAATGACGCT
 TTAAGAGAGATAAAGATGCCATTTATGGACACCCCTCTCCCTCTCTTAGCACTGATTTTTGAGAAAT
 GTGAATTAGCTACTTGTACCCCGCGAGCCGGGGGTGGCGGGCGGGGACGTCTGCTCGTCAGAGTCATT
 CAATGAAGATATAGCGGTGTTCCGCAAACAGATTCGCGCAGAAAAACCTCTATTCTTTCTAATCCAGAA
 CTGGATAACTTGATGATTCAAGCCATACAAGTGTAAAGTTTCATCTGTTGGAATTAGAGAAGGTACACG
 AATTATGTGACAAATTTCTGCCACCGGTATATTAGCTGTTTGAAGGGAAAATGCCTATCGATTTGGTGAT
 AGATGATAGAGAAGGAGGATCAAATCAGACAGTGAAGATGTAACAAGATCAGCAAATCTAACTGACCAG
 CCCTCTTGGAAATAGAGACCATGATGACACGGCATCCACTCGTTCAGGAGGAACCCCGGCCCTTCCAGCG
 GTGGCCACTTACACAGTGGGGATAACAGCAGTGAGCAAGGTGATGGCTTGGACAACAGTGTAGCTTC
 CCCCAGCACAGGTGACGATGATGACCCTGATAAGGACAAAAAGCGTCACAAAAAGCGTGGCATCTTTCCC
 AAAGTAGCCACCAATATCATGAGGGCGTGGCTGTTCCAGCATCTAACACACCCCTTACCCTTCTGAAGA
 AGAAAAAGCAGTTGGCACAAGATACAGGACTTACCATCCTTCAAGTGAACAATTGGTTTATAATGCCCG
 GAGAAGAATAGTCAGCCATGATAGACCAGTCCAACCGAGCAGTCAGCAAGGGACACCTTATAACCCCT
 GATGGACAGCCAATGGGAGGTTTTGTAATGGACGGTCAGCAGCACATGGGCATCAGAGGCCAGGACCTA
 TGAGTGAATGGGCATGAATATGGGCATGGAGGGCAGTGGCACTACATG

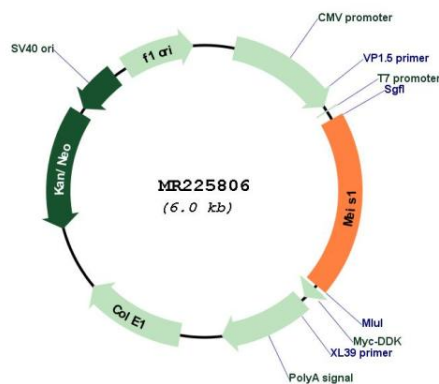
ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001193271.1</u> , <u>NP_001180200.1</u>
RefSeq Size:	3441 bp
RefSeq ORF:	1173 bp
Locus ID:	17268
UniProt ID:	<u>Q60954</u>
Cytogenetics:	11 11.11 cM
MW:	43 kDa
Gene Summary:	Acts as a transcriptional regulator of PAX6. Also acts as a transcriptional activator of PF4 in complex with PBX1 or PBX2. Required for hematopoiesis, megakaryocyte lineage development and vascular patterning. May function as a cofactor for HOXA7 and HOXA9 in the induction of myeloid leukemias.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225806