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Product datasheet for SC313254

MEIS2 (NM_172315) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: MEIS2 (NM_172315) Human Untagged Clone

Tag: Tag Free

Symbol: MEIS2

Synonyms: CPCMR; HsT18361; MRG1

Vector: pCMV6 series

Fully Sequenced ORF:

>NCBI ORF sequence for NM_172315, the custom clone sequence may differ by one or more nucleotides

ATGGACGGAGTAGGGGTTCCCGCTTCCATGTACGGAGACCCTCACGCGCCGCGGCCGATC
CCCCCGGTTCACCACCTGAACCACGGGCCGCCGCTCCACGCCACACAGCACTACGGCGCG
CACGCCCCGCACCCCAATGTCATGCCGGCCAGTATGGGATCCGCTGTCAACGACGCCTTG
AAGCGGGACAAGGACGCGATCTATGGGCACCCGTTGTTTCCTCTGTTAGCTCTGGTCTTT
GAGAAGTGCGAGCTGGCGACCTGCACTCCCCGGGAACCTGGAGTGGCTGGCGGAGACGTC
TGCTCCTCCGACTCCTTCAACGAGGACATCGCGGTCTTCGCCAAGCAGGTTCGCGCCGAA
AAGCCACTTTTTTCCTCAAATCCAGAGCTGGACAATTTGATGATACAAGCAATACAAGTA
CTAAGGTTTCATCTTTTGGAGTTAGAAAAGGTCCACGAACTGTGCGATAACTTCTGCCAC
CGATACATTAGCTGTTTGAAGGGGAAAATGCCCATCGACCTCGTCATTGATGAAAGAGAC
GGCAGCTCCAAGTCAGATCATGAAGAACTTTCAGGCTCCTCCACAAATCTCGCTGACCAT
AACCCTTCTTCTTGGCGAGACCACGATGATGCAACCTCAACCCACTCAGCAGGCACCCCA
GGGCCCTCCAGTGGGGGCCATGCTTCCCAGAGCGGAGACAACAGCAGTGAGCAAGGGGAT
GGTTTAGACAACAGTGTAGCTTCACCTGGTACAGGTGACGATGATGATCCGGATAAGGAC
AAAAAACGCCAGAAGAAAAGAGGCATTTTCCCCAAAGTAGCAACAAATATCATGAGAGCA
TGGCTCTTCCAGCATCTCACACATCCGTACCCTTCCGAAGAGCAGAAGAAACAGTTAGCG
CAAGACACAGGACTTACAATTCTCCAAGTAAACAACTGGTTTATTAATGCCAGAAGAAGA
ATAGTACAGCCCATGATTGACCAGTCAAATCGAGCAGGTTTTCTTCTTGATCCTTCAGTG
AGCCAAGGAGCAGCATATAGTCCAGAGGGTCAGCCCATGGGGAGCTTTGTGTTGGATGGT
CAGCAACACATGGGGATCCGGCCTGCAGGACCTATGAGTGGAATGGGCATGAATATGGGC
ATGGATGGGCAATGGCACTACATG

Restriction Sites: Please inquire

ACCN: NM_172315

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	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:	NM_172315.1, NP_758526.1
RefSeq Size:	2775 bp
RefSeq ORF:	1167 bp
Locus ID:	4212
UniProt ID:	O14770
Cytogenetics:	15q14
Protein Families:	Transcription Factors
Gene 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] Transcript Variant: This variant (g) differs in the 5' UTR and coding sequence compared to variant a. The resulting isoform (g) has a shorter N-terminus when compared to isoform a.