

Product datasheet for **SC122820**

MEA1 (NM_014623) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MEA1 (NM_014623) Human Untagged Clone
Tag:	Tag Free
Symbol:	MEA1
Synonyms:	HYS; MEA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_014623 edited

```

CGGGATTCGGATGGGGGCGGGTGGGGGACGCTGCAGCTGGGGCCATTTGAGGGGAGCCCA
TGGGGCCTGAAAGGCATCTGTCAGGCGCCCTGCCCGGATGGCAACAGTAGTTCTAGGAG
GAGACACCATGGGCCCTGAGCGTATCTTCCCAATCAGACTGAGGAACTGGGACATCAGG
GCCCTTCAGAAGGCACTGGGGATTGGAGCAGTGAGGAGCCTGAGGAAGAGCAGGAGGAAA
CGGGGTCGGGCCAGCTGGCTACTCCTACCAGCCCTGAACCAAGATCCTGAACAAGAGG
AGGTGGAAGTGGCACCAGTGGGGATGGAGATGTAGTTGCTGACATCCAGGATCGAATCC
AGGCCCTGGGGCTTCATTTGCCAGACCCACCATTAGAGAGTGAAGATGAAGATGAGGAGG
GAGCTACAGCGTTGAACAACCACAGCTCTATTCCCATGGACCCAGAACATGTAGAGCTGG
TGAAAAGGACAATGGCTGGAGTAAGCCTGCCTGCGCCAGGGGTTCTGCCTGGGCTCGGG
AGATATCGGATGCCAGTGGGAAGATGTGGTACAGAAAGCCCTCCAAGCCCGGCAGGCAT
CCCCTGCCTGGAAGTGACCACAGTGAGAGCTGCCTTATATTCCTACATTCCAGGCCAGAA
CCAGCACAGGACTGAACACATCCCTGGTTGTAATGTCCATTTCCATCTTCCCCGTCTCCC
TTTCCACATCAAGGCACATCAGACTTCTCAGAGACCCACTTTATTCAGTTCTGTACATAT
GGGGACATCGGTCCAAGCCCAACCCACCTTAGCATGTATCACTCTGTGGAGAATAAAGCA
CCCTATGTACACAAAAAAAAAAAAAAAAAAAAA

```



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014623 unedited <pre> NNNNTTCTGTGAGAATTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCGG GATTCGGCTGGGGGCGGGTGGGGGACGCTGCAGCTGGGGCCATTTGAGGGGAGCCCATGG GGNCCTGAAAGGCATCTGTCAGGCGCCCTGCCCGGATGGCAACAGTAGTTCTAGGAGGA GACACCATGGGCGCTGAGCGTATCTTCCCAATCAGACTGAGGAACTGGGACATCAGGGC CCTTCAGAAGGCACTGGGGATTGGAGCAGTGAGGAGCCTGAGGAAGAGCAGGAGGAAACG GGGTCGGGCCAGCTGGCTACTCCTACCAGCCCTGAACCAAGATCCTGAACAAGAGGAG GTGGAACGGCACCACTGGGGGATGGAGATGTAGTTGCTGACATCCAGGATCGAATCCAG GCCCTGGGGCTTCATTTGCCAGACCCACCATTAGAGAGTGAAGATGAAGATGAGGAGGGA GCTACAGCGTTGAACAACCACAGCTCTATTCCCATGGACCCAGAACATGTAGAGCTGGTG AAAAGGACAATGGCTGGAGTAAGCCTGCCTGCGCCAGGGGTTCTGCCTGGGCTCGGGAG ATATCGGATGCCAGTGGGAAGATGTGGTACAGAAAGCCCTCAAGCCCGGCAGGCATCC CCTGCCTGGAAGTGACCACAGTGAGAGCTGCCTTATATTCCTACATTCCAGGCCAGAACC AGCACAGGACTGAACACATCCCTGGTTGTAATGTCCATTTCATCTTCCCGTCTCCCTT TCCACATCAAGGCACATCAGACTGCTCAGAGACCCACTTTATTCAATTCTGTACATATGG NGACCATCGGTCCAAGCCACCCACTTNAGCATGTATCACTCTGTGGAGAATAAAGCACC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_014623
Insert Size:	875 bp
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).
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_014623.2 , NP_055438.1
RefSeq Size:	868 bp
RefSeq ORF:	558 bp
Locus ID:	4201
UniProt ID:	Q16626
Cytogenetics:	6p21.1

Gene Summary:

May play an important role in spermatogenesis and/or testis development.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) differs in the 5' UTR and coding sequence compared to variant 4. The resulting isoform (1) has a shorter and distinct N-terminus compared to isoform 3.