

Product datasheet for **SC215884**

MEG2 (PTPN9) (NM_002833) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MEG2 (PTPN9) (NM_002833) Human 3' UTR Clone
Symbol:	MEG2
Synonyms:	MEG2; PTPMEG2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002833
Insert Size:	2000 bp



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Insert Sequence: >SC215884 3'UTR clone of NM_002833
 The sequence shown below is from the reference sequence of NM_002833. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAAAACCTGCTGGCCGTGGAGAGTCAGTAACTCTCCTACGAACCTCCTACCTGTTGGCCAGCCTTCCTT
AAACTACCTGGACACCCTGAGCCTATAGGTTGCCATCAGTTACGCTGAAGCCATGGATCAACTTCTT
TCTTGTGTCTCCAGCACACGTGTGCACGAAGGCAGCCTTTCCCTTTGGCTAGATAAATGTGGTAAA
TTGCCACTAGAAAGGGCCAGTAGCAATGTGTTCTTAATTCCTAGCATCTGCTATCAAAGTGCCTTAT
TAAACCAAAATTGTGGCTATTGATTTTTGCTAGGGTCCCCGAGGTAAGTGGGGAAGGAACCTCCCTCCT
CCTTTCTCCGCCATTCTTTTTCTGAGGTCTCCTGTCTCCCACTCCTTCCTTTCTAGGATTTTATGG
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TGAGTGCCAAGCACGTTTATAAGTAGGGGTGTATTCCAGTCCTTCTGTATTCTGTGTGTGTGTGTG
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GTCAGGCTACAGAGTGGTGAAGAGGACACACACATCTCCTCCATGTTCTGCCCACAGGGCCCTTC
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TTCTGACACTATGAGTTCACCTGTCTGTAGGCCATGGCCCTATCTCTGGACAGAGGGACCAGCACCAG
TTCAGTGCTTGAGATGTGCTAAGCACTATGCTAGGTGCTTTTCCCCACCTGCCTCATTCAAACCTCA
CAACAATTCAGTGAGATATTATCTTCTCCTCTCCTGTGCACCCCTTCTCATTCTATATAGAT
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_002833.4](#)

Summary:

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains an N-terminal domain that shares a significant similarity with yeast SEC14, which is a protein that has phosphatidylinositol transfer activity and is required for protein secretion through the Golgi complex in yeast. This PTP was found to be activated by polyphosphoinositide, and is thought to be involved in signaling events regulating phagocytosis. [provided by RefSeq, Jul 2008]

Locus ID:

5780

MW:

74.4