

Product datasheet for **SC216740**

CEMIP2 (NM_013390) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CEMIP2 (NM_013390) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CEMIP2
Synonyms:	TMEM2
ACCN:	NM_013390
Insert Size:	1861 bp



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Insert Sequence: >SC216740 3'UTR clone of NM_013390
 The sequence shown below is from the reference sequence of NM_013390. 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
CTGCTAAAGCAAGCTTCAAAGCACATTAGAGACTAACTGTAACCTAAGTGTGGGGAAAAAATGT
GAACCTAATTATTTAATTTATGGCATTAAAAATGACACTGTTAACCCAACGGAACCATTTTCCAGTTT
GATACAGAATGGGGAGAAAAAGCGTTTAAATTTATTGCTTGGATACCAGCTTCATGCACCTTCTAG
TTGTACAAAATGTTAAAGACGTTGTTTGTATTTGTAAGGCTGGTGTATTCAGAGAGCAGATCTCTTATT
CCTCACTTTCCACCCCGTATTTTGAATGACCATGAGCAATGTTTTTACTTTTTGTATAATGGGGTGG
GGTGGAGTGGGGGCTTCTGAGAGTCAGCCTGAGGTCTTTAGAGGACCAGCTATTGTAGCACCTTGGATA
CTTGAAGTTAATGCTCAGTTGGGTGGGTGGCAGTTGACTTGGTGGCTGGCATGTTTCAGCAGTGCCTG
GGCCCTGTTTCTGGGCAGCCTTTGAGGATTTTCTATGATATTGAATGACAGTTTAAAGTGGCAACTCA
GGCCAGCTCATGCCCTTTTTGCTGGACATGTGCTATTTTTATTCACTTATATATCAATTACTTGTGA
AGGGTTAAACTTTCAAACAGGAAGTATATTGGGACAAAAGGGCTCTTGGGGATTAGATATCCCTTAAAT
CTGTGACCATTGGGCAAAAAATTTCTGCAGCAAAAGTCTGAGGCTGTTGGGACCATTTTTGCAGCTT
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CTCTTTAAAGCCTTGCAGGAATGAGTCACTCTTACTTAATGAAATGTTAAAGCCAATTAAGCAATGATGC
TGTGATGCCAGCTTCCCTTTCCACAGGTGCATGCGTCTCTGCTGGTGAATCAGTGCAGCAAGAGG
CAACTGGCTCCACAGCCTGGGATGCTGCGGTACCAAGAGGAAAGAAGCAGCAAAATGCCTTTACGTTGT
TCTAAACCCCGACGCATAAAGTGTAGAGGAGGGATGGCCAAGGGTGGTGGTAGAAAAGTGTGTTCCAGG
CTGACACTGGCAATGAGTACAGATAATTTCACTTTCTCTTCTAGGGGCAAAAGGCTGATGGCCTCTACC
TTTGTATCCAGGAGAAAATGCAGAGCAGCCCTGTGACTTTACAAAATATGCTACCTCAAAGTGTACCG
ATAAACCTTTCTAATTGTAAGTGCCTTACTAAGGGCACATGTCTTAATCAAAGTGTAGTTTTTTGTTTT
CTGGTTGTTTTTTTTTTTTGTATATTGATGAATGAGATCTTACCTATTAATATATTATTGGATTATG
GTTCTGAAGGTATTAGAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT
TTACGTGTGTTTTTAGAGCTTGGTCTTTAAAGATTTGGAGAAGATATGTAAATTACCAAGGCACTTG
GTTTTCTGTTTTATATACTAATAATCAGGGCCTAAGTTAAATAAAAATATGTGTGCATGTATTTTA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

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_013390.3](#)

Summary: This gene encodes a type II transmembrane protein that belongs to the interferon-induced transmembrane (IFITM) protein superfamily. The encoded protein functions as a cell surface hyaluronidase that cleaves extracellular high molecular weight hyaluronan into intermediate size fragments before internalization and degradation in the lysosome. It also has an interferon-mediated antiviral function in humans through activation of the JAK STAT signaling pathway. The activation of this gene by transcription factor SOX4 in breast cancer cells has been shown to mediate the pathological effects of SOX4 on cancer progression. Naturally occurring mutations in this gene are associated with autosomal recessive non-syndromic hearing loss. [provided by RefSeq, Mar 2017]

Locus ID: 23670

MW: 71.3