

Product datasheet for **SC214157**

CD146 (MCAM) (NM_006500) Human 3' UTR Clone

Product data:

| | |
|---------------|---|
| Product Type: | 3' UTR Clones |
| Product Name: | CD146 (MCAM) (NM_006500) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | MCAM |
| Synonyms: | CD146; HEMCAM; MeICAM; METCAM; MUC18 |
| ACCN: | NM_006500 |
| Insert Size: | 1387 bp |



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Insert Sequence: >SC214157 3'UTR clone of NM_006500
The sequence shown below is from the reference sequence of NM_006500. 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
GGAGAGAAATACATCGATCTGAGGCATTAGCCCCGAATCACTTCAGCTCCCTCCCTGCCTGGACCATT
CCCAGCTCCCTGCTCACTCTTCTCTCAGCCAAAGCCTCCAAAGGACTAGAGAGAAGCCTCTGCTCCC
CTCGCCTGCACACCCCTTTTCAGAGGGCCACTGGGTTAGGACCTGAGGACCTCACTTGGCCCTGCAAGG
CCCCTTTTCAGGGACCAGTCCACCACCATCTCTCCACGTTGAGTGAAGCTCATCCCAAGCAAGGAGC
CCCAGTCTCCCGAGCGGGTAGGAGAGTTTCTTGAGAACGTGTTTTTTCTTTACACATTATGGCTGT
AAATACCTGGCTCCTGCCAGCAGCTGAGCTGGTAGCCTCTCTGAGCTGGTTTCTGCCCAAAGGCTG
GCTTCCACCATCCAGGTGCACCACTGAAGTGAGGACACACCGGAGCCAGGCGCCTGCTCATGTTGAAGT
GGCTGTTACACCCGCTCCGGAGAGCACCCAGCAGCATCCAGAAGCAGCTGCAGTGTGCTGCCACC
ACCTCCTGTCTGCTCTTCAAAGTCTCCTGTGACATTTTTTTCTTTGGTCAAGAAGCCAGGAACTGGTGT
CATTTCCTTAAAAGATACGTGCCGGGGCCAGGTGTGGTGGCTCACGCTGTAATCCAGCACTTTGGGAG
GCCGAGGCGGGCGGATCACAAGTCAAGGACGAGACCATCCTGGCTAACACGGTGAACCCCTGTCTCTAC
TAAAAATACAAAAAAATAGCTAGGCGTAGTGGTTGGCACCTATAGTCCCAGCTACTCGGAAGGCTG
AAGCAGGAGAATGGTATGAATCCAGGAGGTGGAGCTTGCAGTGAGCCGAGACCGTCCACTGCACTCCA
GCCTGGCAACACAGCGAGACTCCGCTCTCGAGGAAAAAAAAGAAAAGATACGTGCCTGCCGTGAGGAA
GCTGGGCGCTGTTTTCGAGTTCAGGTGAATTAGCCTCAATCCCCGTGTTCACTTGGCTCCCATAGCCC
TCTTGATGGATCACGTAAACTGAAAGGCAGCGGGGAGCAGACAAGATGAGGTCTACACTGTCCTTCA
TGGGATTAAGCTATGGTTATATTAGCACCAAACCTTCTACAAACCAAGCTCAGGGCCCCAACCCCTAGA
AGGGCCAAATGAGAGAATGGTACTTAGGGATGAAAAACGGGCTGGCTAGAGCTTCGGGTGTGTGTGT
CTGTCTGTGTGTATGCATACATATGTGTATATATGGTTTTGTGAGGTGTGTAATTTGCAAAATTGTT
TCCTTTATATATGTATGTATATATATATGAAAAATATATATATATGAAAAATAAAGCTTAATTGTC
CCAGAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_006500.3](#)

Summary: Plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing hematogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2/FAK1, and a transient increase in the intracellular calcium concentration.[UniProtKB/Swiss-Prot Function]

Locus ID: 4162

MW: 51.2