

## Product datasheet for MC200037

### Ceacam10 (NM\_007675) Mouse Untagged Clone

#### Product data:

|                           |                         |
|---------------------------|-------------------------|
| Product Type:             | Expression Plasmids     |
| Tag:                      | Tag Free                |
| Symbol:                   | Ceacam10                |
| Synonyms:                 | Bgp3; Cea10             |
| Mammalian Cell Selection: | Neomycin                |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection:        | Kanamycin (25 ug/mL)    |

**Fully Sequenced ORF:** >BC003346 sequence for NM\_007675  
 CCCACGCGTCCGCCACGCGTCCGGGCAGATACCTGGGCAGCCAGGCTTAGCAGTAGTGTGGAGAAGAA  
 GCTAGCAGGCAGGCAGCAGAGACATGGAGCTGGCCTCAGCACATCTCCACAAAGGGCAGGTTCCCTGGGT  
 TGGACTACTGCTCACAGCCTCACTTTTAACTTACTGGAGCCCTGCCACTACTGCCCAAGTCACCGTTGAG  
 GCTGTGCCGCCAACGTTACTGCAGACAACAATGTTCTTCTACTTGTTCACAATCTGCCGCAGACGCTCC  
 GAGTCTTTTACTGGTACAAGGGAACAGTGGGGCTGGACACAATGAAATTGGACGATTGTAAATCCAT  
 TAATAGGAGTAAAATGGGGCTTGCACACAGCGGCAGAGAGACAATATATAGCAATGGATCCCTGTTCTTC  
 CAAAGTGTCACCAAGAATGATGAGGGAGTCTACACATTATATATGCTAGATCAAACTTTGAAATTA  
 CGATTTCTGTGCGATTTTATGTACACCCCTCACTTTTACCCTCCTTGAGCCCTCCACCACTGGCCAAGT  
 CACCGTTGAGGCTGTGCCGCCAACGTTGCCGAAGGGGAAACGTTCTTCTACTTGTTCACAATCTGCCA  
 CGGACGCTCCGAGCAATTTACTGGTACAGGGGAACCACTGCGGGTGAAAGAAATGAAATTACACGATTTA  
 TAACAGCCTCCAATAAGATTATATTGGGGCTGCACACAGCGACAGAGAGATCATATACAACAATGGATC  
 CCTGTTCTTCCAAGGTGTACCAAGAATGATGAGGGAGCCTACGCACTAGATATGCTATTTCAAACCTTC  
 GATCATACCCTAATGCCTGTGCAATTTAATGTTACGCTAAAAAGCAGTAGGAATTTTTTCCAGCCCC  
 CTTGCATTTAATTCTTCTTTCATTGCTCTTTCTAACTGGAACCGAACTCTGGGAAAGAGGGCTGATGCTC  
 ACTAGTGAACCCAGGGATTTTCATCAGCTGACGGTGCCTTGCTTCACTCCTTCCACCAGCAATAAAGTC  
 CGCATAACTTCTGCAACAAAAA

|                    |            |
|--------------------|------------|
| Restriction Sites: | RsrII-NotI |
| ACCN:              | NM_007675  |
| Insert Size:       | 798 bp     |



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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                          |
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                                    |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq:</b>                | <a href="#">BC003346</a> , <a href="#">AAH03346</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq Size:</b>           | 1083 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 798 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>              | 26366                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <a href="#">Q6I400</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cytogenetics:</b>          | 7 12.78 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Summary:</b>          | May interact with other CEACAM proteins on the sperm surface.[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                                                            |