

Product datasheet for MC208317

Crabp1 (NM_013496) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Crabp1 (NM_013496) Mouse Untagged Clone
Tag: Tag Free
Symbol: Crabp1
Synonyms: AI326249; Crabp-1; CRABP-I; Crabpl; Rbp-5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC208317 representing NM_013496

Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCCAACTTCGCCGTACCTGGAAGATGCGCAGCAGCGAGAATTCGACGAGCTCCTCAAGGCGTTGG
 GTGTGAACGCCATGCTGAGGAAGGTGGCGGTGGCGCTGCGTCTAAGCCGCACGTGGAGATCCGCCAAGA
 CGGGGATCAGTTCTACATCAAGACATCCACTACTGTGCGCACCGAGATCAACTCAAGGTCGGAGAG
 GGCTTCGAGGAGGAGACAGTGGACGGACGAAATGCAGGAGTTTACCCACGTGGGAGAATGAGAACAGA
 TTTACTGCACACAGACACTTCTTGAGGGGGATGGCCCTAAACTTACTGGACCCGAGAGCTGGCCAACGA
 TGAGCTAATCCTGACATTTGGCGCCGATGATGTGGTGTGCACAAGAATTTATGTCCGGGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013496
Insert Size: 414 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).



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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:	<ol style="list-style-type: none"> 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:	<u>NM_013496.3</u> , <u>NP_038524.1</u>
RefSeq Size:	819 bp
RefSeq ORF:	414 bp
Locus ID:	12903
UniProt ID:	<u>P62965</u>
Cytogenetics:	9 29.76 cM
Gene Summary:	<p>Cytosolic CRABPs may regulate the access of retinoic acid to the nuclear retinoic acid receptors.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>