

Product datasheet for **MR200863**

Crabp2 (NM_007759) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Crabp2 (NM_007759) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Crabp2
Synonyms: A1893628; Crabp-2; CrabpII
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200863 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTAACTTTTCTGGCAACTGGAAGATCATCCGATCGGAAAACCTTTGAGGAAATGCTAAAAGCTCTGG
GGGTGAACATGATGATGAGGAAGATCGCTGTGGCTGCAGCCTCCAAGCCAGCAGTCGAGATCAAACAGGA
GAATGACACTTTCTACATCAAACCTCCACCCTGTGCGAACCACGGAGATTAACCTCAAGATCGGGGAG
GAATTTGAGGAGCAGACCGTGGATGGGAGACCCTGTAAGAGTTTGGTAAAATGGGAGAGTGGAACAAAA
TGGTGTGCGAGCAGAGGCTTCTGAAGGGGGAGGGCCCCAAGACCTCCTGGAGCCGAGAATGACCAATGA
TGGAGAGCTGATCCTGACAATGACAGCAGATGACGTTGTGTGCACCAGGGTCTACGTCGAGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200863 protein sequence
Red=Cloning site Green=Tags(s)
MPNFSGNWKIIRSENFEMLKALGVNMMMRKIAVAASKPAVEIKQENDTFYIKTSTTVRTEINFKIGE
EFEEQTVDRPCKSLVKWESGNKMVCEQRLKKEGPKTSWSREL TNDGELILTMTADDVVCTRVYVRE
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_007759

ORF Size: 417 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:**
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: [NM_007759.2](#), [NP_031785.1](#)

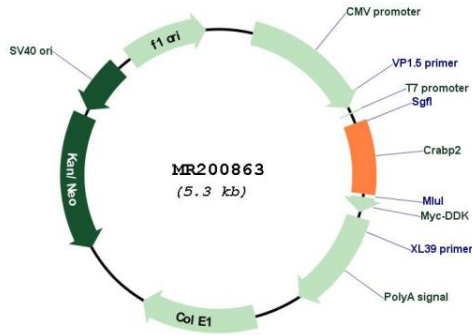
RefSeq Size: 900 bp

RefSeq ORF: 417 bp

Locus ID: 12904

UniProt ID: [P22935](#)
 Cytogenetics: 3
 MW: 15.7 kDa
 Gene Summary: Transports retinoic acid to the nucleus. Regulates the access of retinoic acid to the nuclear retinoic acid receptors.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200863