

Product datasheet for MG200863

Crabp2 (NM 007759) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Crabp2 (NM_007759) Mouse Tagged ORF Clone

Tag: TurboGFP Symbol: Crabp2

Synonyms: Al893628; Crabp-2; Crabpll

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >MG200863 representing NM_007759

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGCCTAACTTTTCTGGCAACTGGAAGATCATCCGATCGGAAAACTTTGAGGAAAATGCTAAAAGCTCTGG
GGGTGAACATGATGATGAGGAAGATCGCTGTGGCTGCAGCCTCCAAGCCAGCAGTCGAGATCAAACAGGA
GAATGACACTTTCTACATCAAAACCTCCACCACTGTGCGAACCACGGAGATTAACTTCAAGATCGGGGAG
GAATTTGAGGAGCAGACCGTGGATGGGAGACCCTGTAAGAGTTTGGTGAAATGGGAGAGCTGAAACAAAA
TGGTGTGCGAGCAGAGGCTTCTGAAGGGGGAGGGCCCCAAGACCTCCTGGAGCCGAGAACTGACCAATGA
TGGAGAGCTGATCCTGACAATGACAGCAGATGACGTTGTGTGCACCAGGGTCTACGTCCGAGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200863 representing NM_007759

Red=Cloning site Green=Tags(s)

MPNFSGNWKIIRSENFEEMLKALGVNMMMRKIAVAAASKPAVEIKQENDTFYIKTSTTVRTTEINFKIGE EFEEQTVDGRPCKSLVKWESGNKMVCEQRLLKGEGPKTSWSRELTNDGELILTMTADDVVCTRVYVRE

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



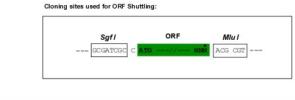
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

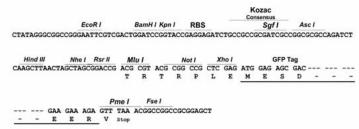
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

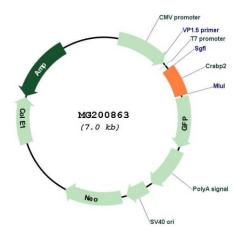


Cloning Scheme:





Plasmid Map:



ACCN: NM_007759

ORF Size: 414 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 (o.g. polymorphisms), each with its own valid existence. This

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



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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: <u>NM 007759.2</u>, <u>NP 031785.1</u>

 RefSeq Size:
 900 bp

 RefSeq ORF:
 417 bp

 Locus ID:
 12904

 UniProt ID:
 P22935

Cytogenetics: 3

Gene Summary: Transports retinoic acid to the nucleus. Regulates the access of retinoic acid to the nuclear

retinoic acid receptors.[UniProtKB/Swiss-Prot Function]