

Product datasheet for MR201030L3

Crcp (NM_007761) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Crcp (NM_007761) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Crcp

Synonyms: AL022669

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

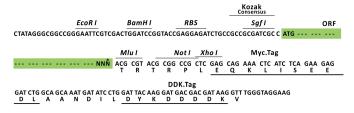
ORF Nucleotide The ORF insert of this clone is exactly the same as(MR201030).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_007761

ORF Size: 447 bp



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Crcp (NM_007761) Mouse Tagged Lenti ORF Clone - MR201030L3

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: <u>NM 007761.2</u>, <u>NP 031787.1</u>

5 G1.3

 RefSeq Size:
 1474 bp

 RefSeq ORF:
 447 bp

 Locus ID:
 12909

 UniProt ID:
 035427

Cytogenetics:

Gene Summary: DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four

ribonucleoside triphosphates as substrates. Specific peripheric component of RNA

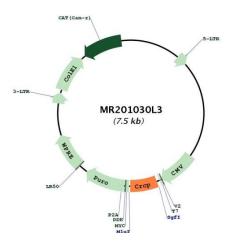
polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Plays a key role in sensing and limiting infection by intracellular bacteria and DNA viruses. Acts as nuclear and cytosolic DNA sensor involved in innate immune response. Can sense non-self dsDNA that serves as template for transcription into dsRNA. The non-self RNA polymerase III transcripts

induce type I interferon and NF- Kappa-B through the RIG-I pathway (By similarity).

[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR201030L3