

Product datasheet for MR207025L3

Cr1l (NM_013499) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Cr1l (NM_013499) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Cr1l

Synonyms: Crry; Mcp; mCRY

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

Sequence:

The ORF insert of this clone is exactly the same as(MR207025).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_013499

ORF Size: 1323 bp



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Cr1l (NM_013499) Mouse Tagged Lenti ORF Clone - MR207025L3

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 013499.2</u>, <u>NP 038527.2</u>

 RefSeq Size:
 1674 bp

 RefSeq ORF:
 1323 bp

 Locus ID:
 12946

 UniProt ID:
 Q64735

 Cytogenetics:
 1 98.43 cM

Gene Summary: Acts as a cofactor for complement factor I, a serine protease which protects autologous cells

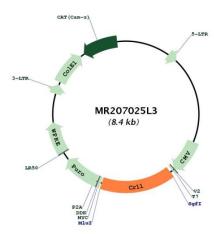
against complement-mediated injury by cleaving C3b and C4b deposited on host tissue. Also acts as a decay-accelerating factor, preventing the formation of C4b2a and C3bBb, the amplification convertases of the complement cascade. Plays a crucial role in early embryonic

development by maintaining fetomaternal tolerance. Also acts as a costimulatory factor for T-

cells which favors IL-4 secretion.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR207025L3