

Product datasheet for MR201120

Ormdl1 (BC012315) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ormdl1 (BC012315) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ormdl1
Synonyms: C730042F17Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201120 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATGTTGGAGTTGCCACAGTGAGGTAACCCCAATACTCGTGAATGAACAGCCGTGGTATGTGGC
 TGACATATGCGTTGGGAGTTGGCCTGCTTCATATTGTATTACTCAGCATCCCCTTCTGCAGTGTTCTGT
 TGCCTGGACCTTAACCAACATAATACATAATCTGGGGATGTATGTGTTTTGCATGCAGTAAAAGGAACG
 CCTTTTGAGACTCCGGATCAGGGTAGAGCAAGGCTCCTAACTCACTGGGAACAGCTGGACTACGGAGTAC
 AGTTTACATCTTCTCGGAAGTTTTTACAATTTCTCCAATAATTCTATACTTTCTGGCAAGTTTCTATAC
 AAAGTATGACCCGACTCACTTCATCCTAAACACAGCTTCTCTGCTGAGTGTACTATTCCAAAATGCCA
 CAGCTGCATGGTTCGCATCTTTGGAATTAATAAGTAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201120 protein sequence
 Red=Cloning site Green=Tags(s)

MNVGVAHSEVNPNTVMNSRGMWLTALGVGLLHIVLLSIPFCSVPVAWTLNIIHNLGMYVFLHAVKGT
 PFETPDQGRARLLTHWEQLDYGVQFTSSRKFFTISPIILYFLASFYTKYDPTHFILNTASLLSVLIPKMP
 QLHGVRIFGINKY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: BC012315

ORF Size: 459 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: [BC012315](#), [AAH12315](#)

RefSeq Size: 1815 bp

RefSeq ORF: 461 bp

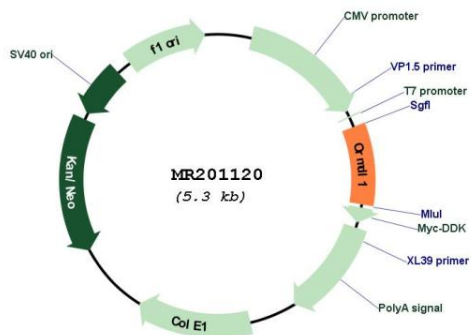
Locus ID: 227102

Cytogenetics: 1 C1.1

MW: 17.4 kDa

Gene Summary: Negative regulator of sphingolipid synthesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201120