

Product datasheet for RC223814

MRC1L1 (NM_001009567) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MRC1L1 (NM_001009567) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: MRC1L1
Synonyms: bA541119.1; CLEC13DL
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC223814 representing NM_001009567
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGACTGCCCTGTTGCTGGTATTTGCTTCCGTGATCCAGGTGCTGTTCTGCTGCTGGATACTAGAC
 AGTTTCTGATTTATAATGAGGACCACAAGCGCTGCGTTGATGCCGTGAGCCCTCCGCTGTCAGACAGC
 TGCCTGTAACCAAGACGCTGAGAGCCAGAAGTCCGATGGGTGAGCAATCCAGATCATGTCCGTGGCA
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CGCAGTCAGGGCCCGGAGATTGTCGAGGTTGAAAAAGGATGTCGCAAAGGCTGGAAGAAACATCATTCT
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Protein Sequence: >RC223814 representing NM_001009567
 Red=Cloning site Green=Tags(s)

MRLPLLLVFASVIPGAVLLLDTRQFLIYNEDHKRCVDAVSPSAVQTAACNQDAESQKFRWVSESQIMSVA
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 ESEKKFLWKYVNRNDAQSAYF IGLLISL DKKFAWMDGSKVDYVSWATGEPNF ANEDENCVTMYSNSGFWN
 DINCGYPNAFICQRHNSINATTVMPTMPSVPSGCKEGWNFYSNKCFKIFGFMEERKNWQEAR KACIGF
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 TYCKLHNSLIASILD PYSNAFAWLQMETSNERVIALNSNLTDNQYTWTDKWRVRYTNWAAD EPKLKSAC
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 LECLRMGSSLVSIESA AESSFLSYRVEPLKSKTNFWIGLFRNVEGTWLVINNSPVSFVNWNTGDP SGERN
 DCVALHASSGFWSNIHCSSYKGYICKRPKIIDAKPTHELLTTKADTRKMDPSK PSSNVAGVVII VILLIL
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

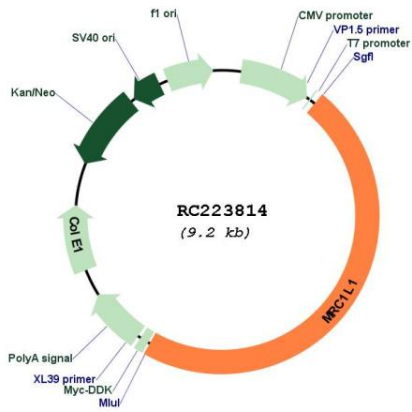


ACCN: NM_001009567

ORF Size: 4368 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:	<ol style="list-style-type: none">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_001009567.1 , NP_001009567.1
RefSeq Size:	5171 bp
RefSeq ORF:	4370 bp
Locus ID:	414308
Cytogenetics:	10p12.33
Protein Families:	Druggable Genome, Transmembrane
MW:	166 kDa
Gene Summary:	This gene encodes a type I membrane receptor protein highly related to the mannose receptor C type 1 protein (MRC1). The two genes are located near each other on chromosome 10 in a region thought to represent a segmental duplication. [provided by RefSeq]

Product images:



Circular map for RC223814