

Product datasheet for MR201912

Prelid3b (NM_025531) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prelid3b (NM_025531) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Prelid3b
Synonyms: 2310042G06Rik; AA407013; Prelid3b; Slmo2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201912 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGATCTGGACTTCGGAGCACGTCTTTGACCATCCATGGGAAACAGTCACTACGGCTGCAATGCAGA
 AATATCCAACCCCATGAACCCGAGTGTGGTTGGCGTCGACGTGCTGGACAGACATGTCGATCCCTCTGG
 AAAGTTGCACAGCCACAGACTGCTCAGCACAGAGTGGGGCCTGCCTTCCATTGTGAAGTCTTTATTGGT
 GCAGCAAGAACGAAAACGTACGTGCAGGAGCATTCTGTAGTTGACCCGGTAAACGAGGACAATGGAGCTCA
 AGTCCACCAACATCTCATTTACAAATATGGTCTCAGTAGATGAGAGGCTGACATACAAGCCACACCTACA
 GGACCCAGAGAAAACGTCTGACCCAGGAAGCCCTCATCACAGTGAAAGGGGTCAGCCTCAGCAGCTAC
 CTGGAAGGACTCATGGCAAGCACCATATCTTCCAATGCTAGCAAAGGCCGAGAAGCAATGGAGTGGGTGA
 TACATAAACTGAACGCTGAGATTGAGGAATTGGCAGCATCAGCAAGAGGAAGCATAAGGACACCAATGGC
 GGCAGCGGCAGCACTGGTGGACAAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201912 protein sequence
 Red=Cloning site Green=Tags(s)

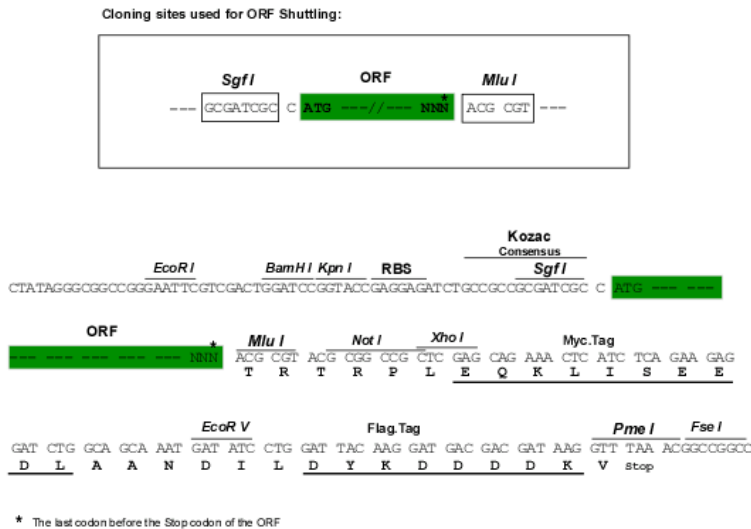
MKIWTSEHVFDPWETVTTAAMQKYPNPMNPSVVGVDLDRHVDPSGKLHSHRLLSTEWGLPSIVKSLIG
 AARTKYVQEHSVVDPVTRTMELKSTNISFTNMVSDERLTYKPHLQDPEKTVLTQEALITVKGVSLSY
 LEGLMASTISSNASKGREAMEWVIHKLNAEIEELAASARGSIPTPMAAAAALVDK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_025531

ORF Size: 588 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: [NM_025531.2](#), [NP_079807.1](#)

RefSeq Size: 1403 bp

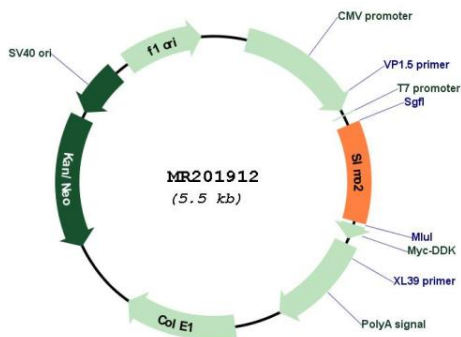
RefSeq ORF: 588 bp

Locus ID: 66390

UniProt ID: [Q9CYY7](#)

Cytogenetics: 2 H4
 MW: 21.5 kDa

Product images:



Circular map for MR201912