

## Product datasheet for **MR222031**

### **Slc18b1 (NM\_183116) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc18b1 (NM_183116) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc18b1
Synonyms:	1110021L09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR222031 representing NM\_183116  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACGAGGCGGGCTCCCCGGCTCCTGCAGGGACAGGAGGATGACCCCTGGAGGAAGTACAAGAG  
 AGACATCCCGGCGACTGTCAAGAGAACAGATTTTTGTGCTGGTATCAGCAGCAAGCATGAACTTGGGTTG  
 CATGATGACCTATTCCATCCTTGACCATTTTTCCCTAAGGAGGCAGAAAAGAAGGGAGCCAGCAACACC  
 ATGATTGGAATGATCTTCGGATGCTATGCGTTATTTGAATTGCTGGCATCTTTGGTGTGGAAAAATACC  
 TTGTACACATTGGAGCCAAATTTATGTTTATAGCAGGAATGTTTGTCTCAGGAGGAGTTACAATTCTCTT  
 TGGTGTGTGGATCAACTCCGGAAGGACCGATATTCATTGCCATGTGTTTTCTGGTGAAGATAGTAGAC  
 GCCATAGGCTTTGGTGCAGCCATAACAGCATCGTCATCCATCCTTGCTAAGGCTTTCCCAAACAATGTGG  
 CTACAGTCATGGGAAGTCTTGAGTTTTTCTGGACTGGGCTGGTAGCAGGCCCCCTTTAGTGGCCCT  
 TTTGTATCAATCCTTTGGCTACGAGGTACCCTTTATTTTTCTGGGGTGCATAGTCTGCTGATGATACCA  
 CTAACCTATACATTTTGCTAGTTATGAGTCCGATCCAGGGAAGCAGTCTTCTGGAACTTGTACCT  
 TACCAAGATGGGCTCCTAGCCTTCGTGATCATCTCTCTCAGCTCCTGCTTCGGCTTCTGGACCAAC  
 CCTGTCTCTTTGTGATGGAGAAGTTCAGTCTGTCAACTGGATACGTGGGCTGGTCTTCTGGGCTGTG  
 TCTCTATCCTACGCCATTTCTTCGCCGCTGTTGGTCTACTCAGCGATAAGATGCCTACTCTAAGGAAAT  
 GGCTTCTGGTTTTTGGAACTTAATTACAGCTGGGTGCTACATGCTCTTAGGACCTGTTCTCTTCTGCA  
 CATCAAAGTCAAGTCTGGCTTCTGTGTTGGTGTGGTGTAAATGGCATCTCCGCTGGAATGAGCATC  
 ATCCCAGCTTCCAGAGATGCTCAGCTGTGCATATGCAATGGATTTGAAGACAGCATAAGTACGCTGG  
 GACTTGTATCTGGTCTTTTTGGTGCCATGTGGTCAGTTGGAGCTTTCATGGGACCTATCTGGGCGGAT  
 TCTGTGTGAGAAAATTGGTTTCGAGTGGGCAAGCAGCTATGCAAGGCTTATGGACTCTGCTAAGTGGTGT  
 TCGATGGCCTTATTTTATCTCTGGGAGGACTCAACGGCAAGAAGAAGATCTAAAGCTCAGAACAGCCTTG  
 GCACAGAGGAGGAACGAGCTGCTCTCTTGCCAATGACACC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR222031 representing NM\_183116  
 Red=Cloning site Green=Tags(s)

MDEAGSPAPAGTGGDDPGGSTRETSRRLSREQIFVLVSAASMNLCMMTYSILGPPFPKEAEKKGASNT  
 MIGMIFGCYALFELLASLVFGKYL VHIGAKFMFIAGMFVSGGVTILFGVLDQLPEGPIFIAMCFLVRIVD  
 AIGFGAAITASSSILAKAFPNNVATVMGSLEVF SGLGLVAGPPLGGLLYQSFGEVVPFIFLGCIVLLMIP  
 LNL YILPSYEDPGKQSFWKLVLPKMGLLAFV IISLSSCFGLDPTLSLFVMEKFSLSTGYVGLVFLGL  
 SLSYAISSPLFGLLSDKMPTLRKWL L VFGNLITAGCYMLLGPVPLLHIKSQLWLLVLVLV VNGISAGMSI  
 IPTFPEMLSCAYANGFEDSISTLGLV SGLFGAMWSVGFAMGPIILGGFLCEKIGFEWAAAMQGLWTL LSGV  
 SMALFYLWEDSTARRRSKAQNSLGTEEERAALLPNDT

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9017\\_d07.zip](https://cdn.origene.com/chromatograms/mm9017_d07.zip)

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



ACCN: NM\_183116

ORF Size: 1371 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\\_183116.2](#), [NP\\_898939.2](#)

RefSeq Size: 2837 bp

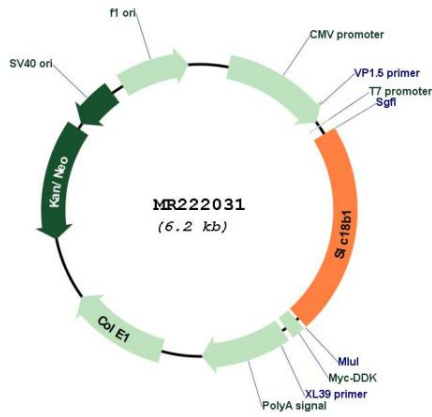
RefSeq ORF: 1374 bp

Locus ID: 76306

Cytogenetics: 10 A4

MW: 49.3 kDa

Product images:



Circular map for MR222031