

## Product datasheet for **MR208659**

### Prpf38b (NM\_025845) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf38b (NM_025845) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Prpf38b
Synonyms:	1110021E09Rik; AU018955
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR208659 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGGCCAACAACAGCCCCGCGCTGACCGGCAACTCGAACCGCAGCACCAGGCGGCCGCGCCGTGACCCAGCAGCAGCAATGTGGCGGCCGCGGCCGCCACCAAGCCGCGGTGTCTGGGCAAGCAGGGCAATGTGCTGCCGCTGTGGGGCAACGAGAAGACCATGAACCTCAACCCCATGATCCTCACCACATCCTGTCTGCTGCCTTACTTCAAAGTGCAGCTCTACGAGCTCAAGACCTACCACGAGGTGGTGGACGAGATCTACTTTAAGGTCACGCATGTTGAGCCATGGGAAAAGGGGAGTAGGAAAAGTCTGGCCAGACGGGATGTGCGGAGGGGTTCGAGGTGTTGGAACAGGAGGCATTGTTTCTACAGCATTTTGCCTTCTATACAAATTATTTACCTGAAGTTAACTCGAAAGCAAGTGATGGGTCTATAACACATACAGACTCTCCATATATCAGAGCCCTGGATTTATGTATATAAGGTATACCAACCCCTACAGACCTGTGGGACTGGTTTGTAGTCCTTCTTGTATGATGAGGAGGACCTAGATGTCAAAGCTGGTGGAGGCTGTGTAATGACCATTGGAGAGATGCTTCGTTCTTTTCTCACAAACTGGAATGGTTTTCTACTTTGTTTCCAAGAATTCAGTTCAGTCCAGAAGAACATTGATCAGCAGATTTAAAACCTCGACCTAGGAAAATCAAGAAAGACGAAAGGAAGGCATTGAGGAGATAGACAGACATGTTGAGAGCGCGATCCAGATCTCCAAGAAGTCACTGAGCCCACGGAGGTCTCCAAGAAGATCAAGAAGCAGAGTCATCACCGGGAGGGCCATGGATCTTCTAGTTTTGACAGAGAATTAGAGAGAGAGAAAGAACGCCAACGACTAGAGCGGGAAGCCAAAGAGAGAGAGAAAGAAAGGCGAAGATCCCGAAGCATTGATCGGGGCTTAGATCGCAGGCGAAGCCGAGTCGGGAGAGGCACAGAAGTCGAGTCGAGTCGTGATAGGAAAGGGGATAGAGAGACGGGATCGGGAAAGAGAGAAAGAAAATGAGAGGGGTGGAAGACGAGACCGAGATTATGACAAGGAGAGAGCAGTGACCCGAGAAAGGGACAGAGAGAGATCAAGAGAGCGCTCCAAGGACGAGAAAGTAGGGGTGATGGAGAAGAGAAGAAGCACAAGAAGACAAGGAGGACAGACGACACAGAGATGACAAAAAAGAGTCCAAAGAAAAACACAGCAGAAGCAGGAGCAGAGAGAGGAAACACAGGAGCAGGAGCAGAAACGAGGGAAGCGGAGCAGGAGCAAGGACAAGTCAAGCAGACATAAAAAACGAAAGCAAGGAGAAGGCAAATAAAAGAAGCAGAAGTGGCAGTCAAGGAAGAACTGGCAGTGTGAAAAGAGAAAACGAGAACACAGCCCTAGCAGAGAGAAGTCTAGAAAGCGCAGCAGGAGCCAAAGACCGTCCCAAGAGAGAGCATAATGATAGCAAGGACAGTCAGACAGACAGGATCATCAGAGCAGCCAGAGTGGAGAGCCAGAGAGCCAAGAAAAGGAACACAAAAGCAAAGATGAGACTGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208659 protein sequence  
 Red=Cloning site Green=Tags(s)

MANNSPALTGNSQPQHAAAAAVTQQQQCGGGGATKPAVSGKQGNVPLWGNKTMNLPNPMILTNILSSPYFKVQLYELKTYHEVVDIYFKVTHVEPWEKGSRKTAGQTMCGVVRGVGTGGIVSTAFCLLYKLFCLKLTRKQVMGLITHDSPYIRALGFMYIRYTPPTDLWDFESFLDDEEDLDVKAGGGCVMTIGEMLRSLTKLEWSTLFPRIIPVPVQKNIDQIKTRPRKIKKDGKEGIEEIDRHVERRRSRSPRRSLSPRRSPRRSRSSHREGHGSSSFDRELEREKERQRLEREAKEREKERRRSRSDRGLDRRRSRERHRSRSDRDRKDRDRDREREKENERGRRDRDYDKERGSREDRERSRERSKEQRSRGDGEKKHKEDKEDRRHRDDKESKKKHSRERSRERKHSRNRNAGKRSRSDKSSRHKNESKEKANKRSRSGSQGRTGSVEKRKREHSPSRKSRKRSRSDRSHKREHNSKDQSDRQDHQSSQSGEPESQEKHKSKDETV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



ACCN: NM\_025845

ORF Size: 1629 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\\_025845.3](#)

RefSeq Size: 3003 bp

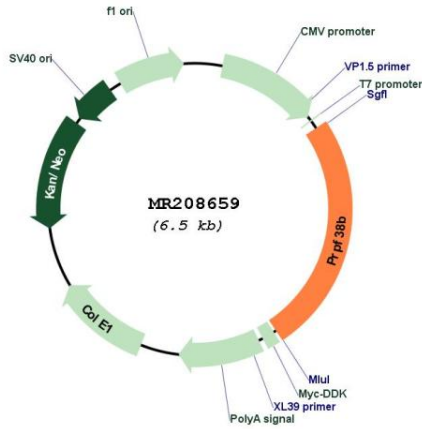
RefSeq ORF: 1629 bp

Locus ID: 66921

UniProt ID: [Q80SY5](#)

Cytogenetics: 3 F3  
 MW: 63.8 kDa  
 Gene Summary: May be required for pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR208659