

## Product datasheet for **MC219085**

### **Rnf220 (NM\_025739) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rnf220 (NM_025739) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnf220
Synonyms:	4732477A13; 4931406I20Rik; 5730503K05Rik; AV302541
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC219085 representing NM\_025739  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACTTACACCGGGCAGCCTTCAAGATGGAGAACTCATCTATCTTCCCAACCTCTGGCGTCCCCAG  
 CACTGATGGTCTTGGCGTCCACTGCCGAGGCCAGCAGGGATGCCTCCATCCCTTGTGAGCAGCCACGACC  
 CTTTGGTGTACCTGTCTCAGTAGACAAGGACGTTACATTCCCTTACCAATGGCTCCTACACCTTTGCC  
 TCTATGTACCACCGGCAAGGTGGGGTGCCGGGCACTTTTGCCAATCGTGATTTCCCCCTTCTTACTAC  
 ACCTCCACCCCAAGTTTGTCTCCCAAACTAGATTGCACCCCAATCAGTATGCTAAATCACAGTGGTGT  
 GGGGGCATTCCGTCCTTCGTTCCACGGAGGACAGGGAGAGCTATCAGTCTGCCTTTACTCCAGCCAAG  
 AGACTCAAGAAGTCCATGACACAGAGTCTCCCACTGCGCTTCTCCGATGCAGATGGCAAGGAATATG  
 ACTTTGGGACCCAGCTGCCATCCAGCTCCCTGGCTCACTAAGGTTGATGATACTGGGAAGAAGATCTT  
 TGCTGTGTCTGGCCTCATCTCTGACCGGAAACCTCCTCGAGTCCAGAGGATCGGAATGACAGATGTAAG  
 AAGAAAGCAGTAGCGTTGTTGACAGCCAAGCCCCGCTCTGCCCATCTGCCAAGTCTGTGAGGCCCA  
 GCGAGTTGCAGGAACATATGGAGCAGGAAGTGAACAGCTGGCCAGCTGCCTGCCAGCAAAAATCCCT  
 TCTGAAGGATGCCATGGCTCCGGGCACCCCAAGTCCCTCCTGTTGTCTGCTTCCATCAAGAGGGAAGGA  
 GACTCTCCAACGGCTTCCCACTCTTCTGCCACGGAGGACCTGCACCACTCAGACAGATACCAGACCT  
 TCCTGCGAGTGCAGGCAACCGGCAAACCGGACTGAATGCTCGGATTGGGAAAATGAAACGGAGGAAGCA  
 AGATGAAGGGCAGAGGGAAGGCTCCTGCATGGCTGAAGATGATGCTGTGGACATCGAGCATGCGGACAGC  
 AACCGCTTTGAGGAATATGAGTGGTGTGGGCAGAAGCGGATACGGGCCACCACACTCCTGGAAGGTGGCT  
 TCCGAGGCTCCGGCTTCGTCATGTGCAGTGGCAAAGAGAACCCAGACAGTGCAGTGCCTGGATGTGGA  
 TGGAGATGACACACTGGAGTATGGGAAACACAATACACGGAGGCTGATGTCATCCCGTGCACAGGAGAA  
 GAGCCTGGTGAAGCCAAGGAGAGAGAGGCACTCCGGGGCGCAGTCTAAATGGTGGCCCTCCGAGCACCC  
 GCATCACACCTGAGTTCTCTAAATGGGCCAGTGTGAGATGCCATCCACCAGCAATGGTGAAGGCAGCAA  
 GCAGGAGGCCATGCAGAAGACCTGCAAGAACAGCGACATTGAGAAAATCACCGAAGAGTCACTGTAAC  
 ACATTTGAGGCTCTGAAGGCTCCGGTCCGGGAGCTTGAACGGCAGCTATCTCGGGGGACCGATACAAAT  
 GCCTCATCTGCATGGACTCTTACTCGATGCCTCTGACGTGCATCCAGTGTGGCATGTGCACTGTGAAGA  
 GTGTTGGTGCAGTCTGGGTGCCAAGAAGCTCTGCCCTCAGTGAACACCATCACAGCCCCGGAGAC  
 CTGCGGAGGATCTACTTA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_025739

**Insert Size:** 1701 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_025739.3</a> , <a href="#">NP_080015.3</a>
<b>RefSeq Size:</b>	3043 bp
<b>RefSeq ORF:</b>	1701 bp
<b>Locus ID:</b>	66743
<b>UniProt ID:</b>	<a href="#">Q6PDX6</a>
<b>Cytogenetics:</b>	4 D1
<b>Gene Summary:</b>	<p>E3 ubiquitin-protein ligase that promotes the ubiquitination and proteasomal degradation of SIN3B (PubMed:20170641). Independently of its E3 ligase activity, acts as a CTNNB1 stabilizer through USP7-mediated deubiquitination of CTNNB1 and promotes Wnt signaling (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>