

## Product datasheet for **MC217920**

### 5730593N15Rik (BC025832) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** 5730593N15Rik (BC025832) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** 5730593N15Rik  
**Synonyms:** 5730593N15Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >BC025832

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGGGCTCACCTGATCCCTGTTACAGCTTCATCCCTTACTGCTCCAGTGACGTTTGGAGTGGGGCTT  
CACCCAAGTCTGACAAGAATGAATATGCCTTCATGGGCTCCCTCATCCAGGAGGTGGTACGGGAGCT  
CCTGGGCAAAGGGCTGAGCGGGCAAAGGTGCTGCTGTTGGCCGGGAGCAGCGCTGGGGCACCGGGGTG  
CTGTTGAATGTAGACCGCTGGCTGAGCTGCTGGAGGAGTTGGGCTACCGTCTATCCAGGTGCGGGGCC  
TGGCTGACTCAGGCTGGTTCCTGGACAACAAGCAGTACCGGCGATCAGACTGCATTGATACTATCAACTG  
TGCACCCACAGACGCCATCCGCCGTGGCATCAGGTACTGGAGTGGGATGGTCCCAGAGCGTTGCCAGCGC  
CAGTTCAAGGAAGGAGAGGAATGGAATTGCTTCTTTGGCTACAAAGTATATCCGACTCTGCGCTGTCCGG  
TGTTTCGTGGTACAGTGGCTTTTCGATGAGGCCAGCTTACCGTGGATAACGTGCATCTCACCGGACAGCC  
GGTTCAGGAAGGCCAGTGGCTATACATCCAGAATCTGGGCCGAGAAGTGCCTGGTACACTCAAGGATGTG  
CAGGCCAGCTTTGCCCGCCTGCCTGTCTCATGAGATCATACGAGCTATTGGACGGACGTCCAGG  
TGAAGGGGACCTCACTGCCAGGGCACTGCACTGCTGGGACCGGAGCTCCATGACAGCCATAAGGCCAG  
CAAAACCCCATGAAGGGCTGCCCTTCCACCTGGTAGACAGCTGCCCTGGCCCCACTGCAATCCCTCA  
TGCCCTACCATCCGGGACCAGTTCACAGGGCAAGAGATGAACGTGGCACAGTTCCTTATGCATATGGGCT  
TCGATGTGCAGATGGTGGCTCAGCAGCAGGGGATGGAGCCAGCAAGCTGCTAGGGATGCTGAGTAAATGG  
GAACTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	BC025832
<b>Insert Size:</b>	987 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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="#">BC025832</a> , <a href="#">AAH25832</a>
<b>RefSeq Size:</b>	1447 bp
<b>RefSeq ORF:</b>	986 bp
<b>Locus ID:</b>	77583
<b>Cytogenetics:</b>	11 E2
<b>Gene Summary:</b>	Carboxylesterase that acts as a key negative regulator of the Wnt signaling pathway by specifically mediating depalmitoleoylation of WNT proteins. Serine palmitoleoylation of WNT proteins is required for efficient binding to frizzled receptors.[UniProtKB/Swiss-Prot Function]