

## Product datasheet for **MC217848**

### Col4a3bp (BC016197) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Col4a3bp (BC016197) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Col4a3bp
Synonyms:	2810404O15Rik; 9230101K08Rik; AU016711; CERT; GPBP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC016197 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCGGATAACCAGAGCTGGAACCTCGTCGGGCTCGGAGGAGATCCGGAGACGGAGTCCGGGCCCGCTG  
TGGAGCGTGC GGCTCCTCAGCAAGTGGACAACTATATTCATGGATGGCAGGATCGTTGGGTAGTTTT  
GAAAAATAACTTTGAGTTACTACAACTGAAGATGAAACAGAATATGGCTGTAGGGGATCCATCTGT  
CTTAGCAAGGCTGTGATCACGCCTCACGATTTTGATGAATGCCGGTTTGATATCAGTGTAATGATAGTG  
TTTGGTACCTTCGAGCTCAGGACCCGGAGCACAGACAGCAATGGGTAGACGCCATTGAACAGCACAGAC  
TGAATCGGGATATGGATCTGAGTCCAGCTTGCCTAGACATGGCTCAATGGTGTCACTGGTGTCTGGAGCG  
AGTGGCTATTCTGCTACGTCCACCTCTTCTTCAAGAAAGGCCACAGTTTACGTGAGAACTGGCTGAAA  
TGGAGACATTCGGGACATCCTGTGCCGGCAGGTTGATACTCTCCAGAAGTACTTTGATGTCTGTGCTGA  
CGCTGTCTCCAAGGATGAGCTTCAGAGGGATAAAGTCGTAGAAGATGATGAAGATGACTTCCCTACAAC  
CGTTCTGATGGAGACTTTTTGCACAATACCAATGGTAATAAAGAAAAATTTTCCACATGTAACACCAA  
AAGGAATTAATGGCATAGACTTTAAAGGGGAAGCAATAACTTTTAAAGCAACTACTGCTGGAATCCTTGC  
TACACTTTCTCATTGTATTGAATTAATGGTAAAACGGGAAGAGAGCTGGCAAAAAAGACACGATAGGGAA  
GTGAAAAAGAGGAGACGAGTGGAGGAAGCGTACAAGAATGTGATGGAAGAACTTAAGAAGAAACCCCGTT  
TCGGAGGGCCGGATTATGAAGAAGGTCCAAACAGTCTGATTAATGAGGAAGAGTTCTTTGATGCTGTTGA  
AGCTGCTCTTGACAGACAAGATAAAATAGAGGAACAGTACAGAGTAAAAGGTGAGTTACTGGCCC  
ACATCATTGCCATCTGGAGACACCTTTTCTTGTGCGGGACGCATAGATTTGTACAAAAGCCCTATAGTC  
GCTCTTCTCCATGTCTCCATTGATCTAGTCAGTGCCTCTGACGATGTTACAGATTACGCTCCAGGT  
TGAAGAAATGGTACAGAACCACATGAACTATTCATTACAGGATGTAGGTGGTGCCTGTACTCCCAA  
GTTCTGGTCTCGTTTTTATATTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	BC016197
<b>Insert Size:</b>	1284 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>	<u><a href="#">BC016197</a></u> , <u><a href="#">AAH16197</a></u>
<b>RefSeq Size:</b>	1779 bp
<b>RefSeq ORF:</b>	1283 bp
<b>Locus ID:</b>	68018
<b>Cytogenetics:</b>	13 D1
<b>Gene Summary:</b>	Shelters ceramides and diacylglycerol lipids inside its START domain and mediates the intracellular trafficking of ceramides and diacylglycerol lipids in a non-vesicular manner. [UniProtKB/Swiss-Prot Function]