

## Product datasheet for MC214401

### Pgbd1 (NM\_001162920) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pgbd1 (NM_001162920) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pgbd1
Synonyms:	4921509E05Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC214401 representing NM_001162920 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCTCAGGAACTTTACCGCCTGCGATTTCCGGCACTTCTGTTACCATGAGGCAGACATATCCTCTGCAGA  
GAGGTGATGAAGCGGCGACATTACTGGAGAATCTAGCCTCGGAACGTGGAGACACAGGGCAGCAGGCTAC  
TCTCTGTGCTCAGGAACAGGACATGCACCTAGTGGTGACAGAGTATCCAGGAGCCTCTATGGAGGAGTAT  
CAGAGCCTCCATCTCCTGCAGTCTTCGGTCACTCCCTGGACAAGAGACTTCCAGAGCTCCCCCTGGGAT  
GTGAGAGATCTCTACATTTACAGAGATCCAAATCTGCTAAAAAGAGCCTCAAACTCCTTGTTACATCTT  
CGATGTTACATCCTCAACCACTGCAGGAAATGATACTGAACTGAACAGAGATTCTCCTTCCCCCACTGAA  
AAGGCAGTCTCCACTTTGAACACTGTCCGGGAGCTGCCACCCACCCCATGACTCCTGGGCCAAGATGCACA  
TTGCGTCTTGCAGTACATTACTCAGAAAGGGAGGAAAAAGCCAAATTTAGAGTGATCGAGCTGCTCCA  
AGGCCATGCGTTTTCTGATGAGTCAGAGACAGAGGAAGACAATGAGCCTGAGGTACAGCCTGAGAGAAAG  
AAGATAAAGGCATCCAGCATCCCTGAGAAGAGCTGGACCAAACGAGACAGTAAGCCTAACCTTCCAAGCT  
GGTCAGCCCTGGATTCTGGACTTTTGAATCTTAAGAGTGAGAAGTTGAACCCAGTAGAGCTTTTGAATT  
ATTTTTGATGGTGAAACATTCAACTTGATTGTCATGAAACCAATAATTATGCTTCTCAGAAAAATGTC  
AGCCTAGAAGTCACAGTGCAGGAAATGAGGTGTGTGTTTGGTGTCTGCTGTCAGTGGATTTGTAAGGC  
ATCCCAGAATGGGGATGTATTGGGAAATCTCTGATTCTGATCAGACCCTGGTTAGAAATGAAATTAGAAG  
GGACAGATTTGAATTAATTTCTCATGCCTGCATTTTGCAGATAATAAGCACCTCGATCAAAAAGATAAG  
TTTTCAAATTTGAGGCCTCTCATAAAGCAAATGAAAAATTTTCTCTGTATGCCCCCTGAGGAATACT  
ATTGTTTTGACAAGTCAATGTGTGAATGCTTTGATTGTGACCAATTTCTGAATGGGAAGCCTCTTCAAAT  
TGGCTATAAAATTTGGTGTGGTACAACCTAACTACGCAAGGCTATCTGGTTTGGTTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001162920
<b>Insert Size:</b>	1248 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="#">NM_001162920.1</a></u> , <u><a href="#">NP_001156392.1</a></u>
<b>RefSeq Size:</b>	3243 bp
<b>RefSeq ORF:</b>	1248 bp
<b>Locus ID:</b>	319207
<b>Cytogenetics:</b>	13 A3.1