

## Product datasheet for **MC214801**

### **Pglyrp4 (NM\_001165968) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pglyrp4 (NM_001165968) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pglyrp4
Synonyms:	Gm413; Gm1478
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214801 representing NM_001165968 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCTGTCCTGGCTTCTGTCTTCTATCTTGGTTCTTCTGGCACAGGGTGTTCCTCCTGGGAAAATC  
CACAACTGATCAGGTGTCAGAAGGGCTGCAGCAACTGTTGGCAACATATCCCACTCTTTGAGAAAGG  
CATACTAGGCCGTGATGATGTCTTCACTATGGTTTCTCGTGAGGAATGGGGGCAGAAGCAATTGGTTGC  
AGCTCTAAGCTGAGCAGGCCAGTGGATGTCCTTGTACACCATATCCCTGGACTAGAGTGCCACAACA  
AACTGTCTGTAGCCAGAAGCTTCGGAACTACAGGCCTACCACATCCACAACAGCTGGTGTGATGTGGC  
TTACAATTTCTGGTTGGGGATGATGGCAGAGTATATGAAGGTGTGGTTGGAATGTCCAAGGCTCTCAC  
GACCAGGGCTACAAGAACATCTCCTTAGGTGTTGCCTTCTTTGGTACCCAAGAAGGCCATAGTCCCAGCC  
CTGTTGCTCTGTGAGCCATGAAGGGCTGATTTCCATGCTGTGAAGAAGGGACACTTGTGATCCAAGTA  
CATCCAGCCATTGCTTGCAAAAGTGAAGACTGCCTGGTCCCTCCACAGAAGGGGAAACAGAAGAAAGCA  
GCTTGTCCCACATAGTTCACGGTCTGTTGGGGCGGAGAGACTCCCACTGCTCCAGAATGACTCTCC  
CTGCGAAGTATGCCATATTCTTCACTGCTGGGAGAACATGCAGTCAGCCTGATGAGTGCCGCCTGCT  
GGTCCGAGATCTCCAGTCGTTCTTCAATGAACAGGCTAAATGCATGTGACATTGGGTATAACTTCCCTCGTG  
GGCCAGGATGGTGGTGTATGAAGGAGTGGCTGGAATAACCAAGGTTCCAAAAGTATAGCTACAATG  
ACATCTCTTTGAGTATACCTTCATGGGCACCTTACAGGTTCCCAACCAATGCAGCTGCAGCTGGAGGC  
AGCCCAGGACTTGATCCGGTGTGCTGTGGTCAAGGGGTACCTGACCCCAACTACCTGCTAATGGGCCAC  
AGTGATGTGCCAACTCTGTCCCCTGGGCAGGCACTGTACAACATTATCAAGACGTGGCCCCATTTC  
AGCACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001165968
<b>Insert Size:</b>	1128 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_001165968.1</a></u> , <u><a href="#">NP_001159440.1</a></u>
<b>RefSeq Size:</b>	2229 bp
<b>RefSeq ORF:</b>	1128 bp
<b>Locus ID:</b>	384997
<b>Cytogenetics:</b>	3 F1
<b>Gene Summary:</b>	<p>Pattern receptor that binds to murein peptidoglycans (PGN) of Gram-positive bacteria. Has bactericidal activity towards Gram-positive bacteria. May kill Gram-positive bacteria by interfering with peptidoglycan biosynthesis. Binds also to Gram-negative bacteria, and has bacteriostatic activity towards Gram-negative bacteria. Plays a role in innate immunity (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>