

Product datasheet for **MC214802**

Pglyrp4 (NM_207263) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pglyrp4 (NM_207263) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pglyrp4
Synonyms: Gm413; Gm1478
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214802 representing NM_207263
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTGTCCTGGCTTCTGTCTTCTCTATCTTGGTTCTTCTGGCACAGGGTGTTCCTCCTGGGAAATC
CACAACTGATCAGGTGTCAGAAGGGCTGCAGCAACTGTTGGCAACATATCCCAACTCTTTGAGAAAGG
CATACTAGGCCGTGATGATGCTTCACTATGGTTTCTCGTGAGGAATGGGGGCAGAAGCAATTGGTTGC
AGCTCTAAGCTGAGCAGGCCAGTGGATGTCCTTGTACACCATATCCCTGGACTAGAGTGCCACAACA
AACTGTCTGTAGCCAGAAGCTTCGGAACACAGGCCTACCACATCCACAACAGCTGGTGTGATGTGGC
TTACAATTTCTGGTTGGGGATGATGGCAGAGTATATGAAGGTGTTGGTTGGAATGTCCAAGGCTCTCAC
GACCAGGGCTACAAGAACATCTCCTTAGGTGTTGCCTTCTTTGGTACCCAAGAAGGCCATAGTCCCAGCC
CTGTTGCTCTGTCAGCCATGAAGGGCTGATTTCCCTATGCTGTGAAGAAGGGACACTTGTCCAAAGTA
CATCCAGCCATTGCTTGCAGAAAGTGAAGACTGCCTGGTCCCTCCACAGAAGGGGAAACAGAAGAAAGCT
TGTCACCATAGTTCACGGTCTGTTGGGGCGGAGAGACTCCCACTGCTCCAGAACTGACTCTCCCTG
CGAAGTATGCCATCATTCTTCACTACTGCTGGGAGAACATGCAGTCAGCCTGATGAGTGCCGCCTGCTGGT
CCGAGATCTCCAGTCGTTCTTCACTGAACAGGCTAAATGCATGTGACATTGGGTATAAATCTCCTCGTGGC
CAGGATGGTGGTGTATGAAGGAGTGGCTGGAATAACCAAGGTTCCAAAACACTGATAGCTACAATGACA
TCTCTTTGAGTATCACCTTCATGGGCACCTTACAGGTTCCCAACCAATGCAGCTGCACTGGAGGCAGC
CCAGGACTTGATCCGGTGTGCTGTGGTCAAGGGGTACCTGACCCCAACTACCTGCTAATGGGCCACAGT
GATGTGTCCAACACTCTGTCCCCTGGGCAGGCACTGTACAACATTATCAAGACGTGGCCCCATTTCAAGC
ACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_207263
Insert Size:	1125 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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	<u>NM_207263.2</u> , <u>NP_997146.2</u>
RefSeq Size:	2226 bp
RefSeq ORF:	1125 bp
Locus ID:	384997
UniProt ID:	<u>Q0VB07</u>
Cytogenetics:	3 F1
Gene Summary:	<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 (2) uses an alternate in-frame splice site in the central coding region, compared to variant 1, resulting in an isoform (2) that is 1 aa shorter than isoform 1.</p> <p>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>