

Product datasheet for **MC227763**

Pglyrp2 (NM_001271478) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pglyrp2 (NM_001271478) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pglyrp2
Synonyms:	C730002N09Rik; Pglyrpl; PGRP-L; tagL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC227763 representing NM_001271478
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGCTGGGGTCCCTCTGGATCGTGCTGGATTGCTGTGCCAGAGCCAGGGGCAGCCTCCT
 CCTTGCCCTGCTCATGGACTCCATCATCCAGGCCCTTGCTGAACTTGAGCAAAAGGTACCAAGTACTGA
 GGCCAGCATCACTGCCTCTGCATGGATTCTGTAGCAAGAACTCCAGCACCCACAATTCCTTACCAG
 CGTTGCTGCTGAAGGCACCAAGCCACAACACTACAGAGCCAGATCCTCACTCTCTAGCCCGGAGCTTC
 AAGCACTGATTTCTGAGGTGGCTCAACACGATGTACAGAATGGGCGGAAATATGGAGTGGTCTGGCACC
 TGATGGCTCCACCGTAGCTGTGAAGCCTCTGCTGTTTGGGCTAGAGGCCGGTCTACAGGCACACAGCGTT
 GCTAACTGCCTTCAGATTGTCTGGCTATCCCCTGTGATACTGGAGACACCTGGCCAATATTAGAGCCA
 CCTGGCCAGGACTCATGGATGCTTTTCAAATGCCTCTTCTCCAGATGTTGGAGCCACTTACCAAACGA
 CAAAGCCAAGACTCCCACTGTGGACAGACTCCTGGCAATCACCTGGCTGGTACTTAGGTCTGACC
 TTCTCCACAGGTCCAGACTTGGAGTCCCTCCAGGACTGGGAACTGAGGGCTGCTGGGACCAGCTTACTG
 CCCCAGGGTCTTCACACTGTTGGACCCCCAGGCATCCAGGCTCACCATGGCTTTCCTCAATGGTGCCTT
 AGATGGAGCTCTCCTTGGGAACCACTTGGCAAAATCCCTAGGCCCCACCCACCCCTCAGCCACCTGCTA
 AGAGAGTACTATGGAGCTGGGGTGAATGGAGATCCGGTGTCCGAAGTAACTTCCGAAGGCAGAACGGTG
 CTGCTTTGACTTCAGCCCTACCTGGCCAGCAGGTATGGGAGGCCCTTGCTCTGTTACAGAACTGGA
 GCCAGAACACCTACAGTGCAGAACATTAGCCAAGAGCAGCTGGCTCAGGTAGCCACCTTGGCTACCAAG
 GAGTTCAGTGGCTTTCTGGGATGCCAGCCATTACCCCCGCTGCCGTTGGGAGCGGCTCCCTACC
 GAGGCCACCAACACCCTCCGGCTGCCACTTGGATTCTTATATGTGCATCACACATACGTGCCAGGCC
 ACCCTGCACCACCTTCCAGAGCTGCGCCCGGATATGCGCTCCATGCAGGTTTTCCACCAGGATGTGCGC
 AAGTGGGATGACATCGGCTACAGTTGAAAACCTAAGAATCCTTTGAGAGACCCTTGAAGATCCAGGAGG
 TATTATCCCTGATGATCCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001271478
- Insert Size:** 1353 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:

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: [NM_001271478.1](#), [NP_001258407.1](#)

RefSeq Size: 2519 bp

RefSeq ORF: 1353 bp

Locus ID: 57757

UniProt ID: [Q8VCS0](#)

Cytogenetics: 17 B1

Gene Summary: May play a scavenger role by digesting biologically active peptidoglycan (PGN) into biologically inactive fragments. Has no direct bacteriolytic activity.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) differs in the 5' UTR and lacks an exon in the coding region, which results in a frameshift, compared to variant 1. The encoded isoform (c, also known as TagL-epsilon) is shorter and has a distinct C-terminus, compared to isoform a. 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.