

Product datasheet for **MC227578**

Pglyrp2 (NM_001271479) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pglyrp2 (NM_001271479) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pglyrp2
Synonyms: C730002N09Rik; Pglyrpl; PGRP-L; tagL
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227578 representing NM_001271479
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGGCCTGGGGTGCCTCTGGATCGTCTGGATTGCTGCTGTGGCCAGAGCCAGGGGCAGCCTCCT
 CCTTGCCTCTGCTCATGGACTCCATCATCCAGGCCCTTGTGAACTTGAGCAAAAGGTACCAGTGACTGA
 GGCCAGCATCACTGCCTCTGCATGGATTCTGTGAGCAAGAACTCCAGCACCCACAATCCCTTACCAG
 CGCTTGTGCTGAAGGCACCAAGCCACAACACTACAGAGCCAGATCCTCACTCTCTCAGCCCGGAGCTTC
 AAGCACTGATTTCTGAGGTGGCTCAACACGATGTACAGAATGGGCGGGAATATGGAGTGGTCTGGCACC
 TGATGGCTCCACCGTAGCTGTGAAGCCTCTGCTGTTTGGGCTAGAGGCCGGTCTACAGGCACACAGCGTT
 GCTAACTTGCCTCAGATTGTCTGGCTATCCCCTGTGATACTGGAGACACCTTGGCCAATATTAGAGCCA
 CCTGGCCAGGACTCATGGATGCTTTTCCAAATGCCTCTTCTCCAGATGTTGGAGCCACTTACCAAACGA
 CAAAGCCAAGACTCCCACCCTGTGGACAGACTCCTGGCAATCACCTTGGCTGGTACTTAGGTCTGACC
 TTCTCCACAGGTCCCAGACTTGGAGTCTCCAGGACTGGGAACAGGGCTGCTGGGACCAGCTTACTG
 CCCCAGGGTCTCACACTGTTGGACCCCGGATCCAGGCTCACCATGGCTTCTCAATGGTGCCTT
 AGATGGAGCTCTCTTGGGAACCACTTGGCCAAATCCCTAGGCCCCACCACCCCTCAGCCACCTGCTA
 AGAGAGTACTATGGAGCTGGGGTGAATGGAGATCCGGTGTCCGAAGTAACCTCCGAAGGAGAACGGTG
 CTGCTTTGACTTCAGCCCTACCCTGGCCAGCAGTTTCTGGTAGGCTCCGACGGCTATCTGTACCAGG
 GCCGTGGCTGGCACTGGGTAGGTGCGCACACGCGGCTACAACCTCCGCGGCTTCGGTGTGGCCTTCGT
 GGGCAACTACACTGGGTCACTGCCAACGAAGCTGCGCTGAACACGGTGCAGCGCTCCCGAGCTGC
 GCAATTCGCGCAGGTCTTTCGCGCCAGACTACAAGCTGCTTGGCCACCAGCTAGTGCTCACCCT
 GCCCGGGAACGCGCTCTCAACTGCTGCGCACCTGGCCTCACTTACAGAGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001271479
Insert Size:	1248 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:	<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:	NM_001271479.1 , NP_001258408.1
RefSeq Size:	2371 bp
RefSeq ORF:	1248 bp
Locus ID:	57757
UniProt ID:	Q8VCS0
Cytogenetics:	17 B1
Gene Summary:	<p>May play a scavenger role by digesting biologically active peptidoglycan (PGN) into biologically inactive fragments. Has no direct bacteriolytic activity.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) uses an alternate splice site and lacks an exon in the coding region, which results in a frameshift, compared to variant 1. The encoded isoform (d, also known as TagL-delta) is shorter and has a distinct C-terminus, compared to isoform a.</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>