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Product datasheet for MC228187

Pglyrp2 (NM_001271476) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pglyrp2 (NM_001271476) 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:

>MC228187 representing NM_001271476
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGGCCTGGGGTGCCCTCTGGATCGTGCTTGGATTGCTGCTGTGGCCAGAGCCAGGGGCAGCCTCCT
CCTTGCCTCTGCTCATGGACTCCATCATCCAGGCCCTTGCTGAACTTGAGCAAAAGGTACCAGTGACTGA
GGCCAGCATCACTGCCTCTGCATGGATTCTGTCAGCCAAGAACTCCAGCACCCACAATTCCCTTCACCAG
CGCTTGCTGCTGAAGGCACCAAGCCACAACACTACAGAGCCAGATCCTCACTCTCTCAGCCCGGAGCTTC
AAGCACTGATTTCTGAGGTGGCTCAACACGATGTACAGAATGGGCGGGAATATGGAGTGGTGCTGGCACC
TGATGGCTCCACCGTAGCTGTGAAGCCTCTGCTGTTTGGGCTAGAGGCCGGTCTACAGGCACACAGCGTT
GCTAACTTGCCTTCAGATTGTCTGGCTATCCCCTGTGATACTGGAGACACCTTGGCCAATATTAGAGCCA
CCTGGCCAGGACTCATGGATGCTTTTCCAAATGCCTCTTCTCCAGATGTTGGAGCCACTTTACCAAACGA
CAAAGCCAAGACTCCCACCACTGTGGACAGACTCCTGGCAATCACCTTGGCTGGTGACTTAGGTCTGACC
TTCCTCCACAGGTCCCAGACTTGGAGTCCTCCAGGACTGGGAACTGAGGGCTGCTGGGACCAGCTTACTG
CCCCCAGGGTCTTCACACTGTTGGACCCCCAGGCATCCAGGCTCACCATGGCTTTCCTCAATGGTGCCTT
AGATGGAGCTCTCCTTGGGAACCACTTGAGCCAAATCCCTAGGCCCCACCCACCCCTCAGCCACCTGCTA
AGAGAGTACTATGGAGCTGGGGTGAATGGAGATCCGGTGTTCCGAAGTAACTTCCGAAGGCAGAACGGTG
CTGCTTTGACTTCAGCCCCTACCCTGGCCCAGCAGGTATGGGAGGCCCTTGTCCTGTTACAGAAACTGGA
GCCAGAACACCTACAGTTGCAGAACATTAGCCAAGAGCAGCTGGCTCAGGTAGCCACCTTGGCTACCAAG
GAGTTCACTGAGGCTTTCCTGGGATGCCCAGCCATTCACCCCCGCTGCCGTTGGGGAGCGGCTCCCTACC
GAGGCCACCCAACACCACTCCGGCTGCCACTTGGATTCTTATATGTGCATCACACATACGTGCCAGCGCC
ACCCTGCACCACCTTCCAGAGCTGCGCCGCCGATATGCGCTCCATGCAGCGTTTCCACCAGGATGTGCGC
AAGTGGGATGACATCGGCTACAGTTTCGTGGTAGGCTCCGACGGCTATCTGTACCAGGGCCGTGGCTGGC
ACTGGGTAGGTGCGCACACACGCGGCTACAACTCCCGCGGCTTCGGTGTGGCCTTCGTGGGCAACTACAC
TGGGTCACTGCCCAACGAAGCTGCGCTGAACACGGTGCGCGACGCGCTCCCGAGCTGCGCAATTCGCGCA
GGTCTCTTGCGGCCAGACTACAAGCTGCTTGGCCACCGCCAGCTAGTGCTCACCCACTGCCCCGGGAACG
CGCTCTTCAACTTGCTGCGCACCTGGCCTCACTTCACAGAGGTTGAAAACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001271476

Insert Size: 1593 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_001271476.1, NP_001258405.1
RefSeq Size:	2817 bp
RefSeq ORF:	1593 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 (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same isoform (a, also known as TagL-alpha). 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.