

Product datasheet for MC213137

Pglyrp3 (NM_207247) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pglyrp3 (NM_207247) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pglyrp3
Synonyms:	Gm420
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213137 representing NM_207247 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGGTGTCTGGGACCACCTAAGATGTTGCCAGGCTTCTGGCTTCTGGCTCTCAGTCTCCTGG
CCTGTGGCAACCAACCATAGTTTCCAGAAAAGAGTGGGGAGCAAGTTCACCTACCTGCAGAGTACCACT
GAGCCTGCCCGTACCCTACCTCATCATAGAGCAAGTTACCAGGATGCAATGCCAAGATCAGATCACCTGC
AGCCAGGTGGTGC GGTCCTACAGTCCCAATATGTCCACAACAAAGGCTGGTGTGACATTGCCTTCACT
TTCTGGTTGGAGATGATGGCAAGGTGTATGAAGGTGTCGGCTGGTATGTCCAAGGCTTGCACTCAAGG
CTACAATAACGTTTTCCCTGGGCATTGCCTTCTTTGGCAGTAAGATAGGAAGCCCAAGTCCCGCTGCCTTA
TCAGCTACAGAGGATCTGATCTTCTTTGCCATCCAGAATGGCTACCTGTCAACCAAGTACATTCAGCCAT
TTCTCTTAAAAGAAGAGACCTGTTTGGTTCCTCAACACTCAGAGATACCCAAAAAAGCATGCCCAATAT
CACACCACGGTCTGCTTGGGAAGCCAGAGAAAACACTGCCCTCAGATGAACCTTCCAGCCAAATTTGTC
ATCATCATCCACTGCTGGGAAAAGCTGCAATGAGTCTGCAGACTGTTTGGTTCGTGTAAGAGACACAC
AGTCCTTTCACATAGATAACCAAGATTTCTGCGACATTGCATATCACTTTCTAGTGGGCCAGGATGGTGA
AGTATATGAAGGAGTTGGCTGGAATATTGAAGGCTCTCATACCTATGGATACAACGATATTGCTCTAGGA
ATTGCTTTCATGGGAACTTTGTAGAAAAGCCTCCAAATGAAGCTTCACTGAAGGCCAGCCAGAGCCTGA
TCCAGTGTGCTGTGGCCAAAGGGTACCTGACCTCCAACCTACCTGCTAATGGGCCACAGTGTGTCCAA
CATCCTGTCCCCTGGACAGGCATTGTACAACATCATCAAGACATGGCCTCACTTCAAGCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_207247
Insert Size:	1044 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:	NM_207247.4 , NP_997130.2
RefSeq Size:	1109 bp
RefSeq ORF:	1044 bp
Locus ID:	242100
UniProt ID:	A1A547
Cytogenetics:	3 F1
Gene Summary:	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]