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Product datasheet for MC212226

Pigh (NM_029988) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigh (NM_029988) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pigh
Synonyms:	2210416H01Rik; A930028P05Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212226 representing NM_029988 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGAGGACGAGAAGAGCTTCTCCGATATCTGCGGCGGCCGCCTAGCCCTGCGGTGCCGCTACTACTCAC CGTACTGCCGCGAGTTCGGCCTCAGCTCGGCTCGGCTGTCGCTGTGCTCGCTCACCGCGGTCACCTGCGC GGTGTGGCTGGCGGCCTACGGGCTCTTCACCCTGTGCGAGAATAGCATGGTCCTCTCTGCCACCATCTTC ATCACCATCTTAGGCCTGCTTGGTTACCTCCATTTTGTGAAGATTGACCAGGAGACTCTACTAATCATCG ACTCACTTGGCATCCAGATGACTTCATCTTATGCATCGGGCAAAGAAAGTACCACCTTCATAGAGATGGA CAAGGTCAAGGACATTATCATTAACGAGGCTATCTACATGCAGAAGGTCATTTACTACCTCTGCATTTTA CTGAAGGAGCCGGGGAAGCCACACGAGATCTCTCGAGTAGTTCCTGTCTTCCAGAGTGCCAAGCCCCGGT TGGACTGCTTGATTGAAGTATACAGAAGCTGCCAGGAGGTTCTGGCACACCAGAAAGCCACAGCAACAAG CTTATGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_029988
Insert Size:	567 bp

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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:	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_029988.2, NP_084264.1
RefSeq Size:	2376 bp
RefSeq ORF:	567 bp
Locus ID:	110417
UniProt ID:	Q5M9N4
Cytogenetics:	12 35.51 cM
Gene Summary:	Part of the complex catalyzing the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinositol, the first step of GPI biosynthesis. [UniProtKB/Swiss-Prot Function]

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