

Product datasheet for **RN201320**

Pigu (NM_181637) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigu (NM_181637) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pigu
Synonyms:	Cdc9111; LRRGT00059; sakura
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201320 representing NM_181637
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGCTCCCTTGGCCCTGGTGTCTTGGTGGCCGTGACTGTGAGGGCGCCCTGTTTCGTTCCAGTT
TGGCCGAGTTCATTTCCGAGAGGGTGGAGTGGTGTCTCCATTGAGCTCTTGAAGAGAGTGGTTGAAGG
CCTTGCACTGTTGGATCTGGGAGTATCTCCGATTCTGGAGCAGTATTCATGAAACTCCATTAATAATA
TACCTCTTTCAATTCCTAATTGACTATGCAGAATTGGATTTATGATAACAGATGCCCTCACTGCTATTG
CCCTGTATTTGCAATTCAGGACTTCAATAAAGTTGTGTTAAAAAGCAGAACTTCTCCTAGAGCTGGA
CCAGTATGCCCCAGATGTGGCCGAATCATCCGGACACCTATGGAATGCGCTACATCCCTCTGAAAGTG
GCCCTGTCTATCTCCTGAATCCCTACACGATCTGTCTTGTGTTGCCAAGTCTACCTGCGCCATCAACA
ACACCCTCATTGCTTTCTCATTTTGACCACAATAAAAGGCAGCGTTTTCTCAGTGCTATTTTCTTGC
CTTAGCAACATACCAGTCTCTGTACCCAATCACCTTGTGGCCAGGACTTCTCTATCTCCTCCAGCGG
CAGTACATCCCTGTTAAAGTGAAGAGCAAAGCCTTCTGGATCTTCTCTGGGAGTATGCCATGATGTACA
CAGGAAGCCTAGTGGTAATAGTTTGCCCTCTCCTTCTCCTTCTCAGCTCCTGGGATTTTCATCCCTGCAGT
CTACGGTTTCATACTTTCTGTTCCAGATCTCACTCCAAACATCGGTCTTTTCTGGTACTTCTTTCGAGAG
ATGTTTGAAGCACTTCAGCCTCTTTTTGTCTGCGTGTTCAGATCAACGTCTTCTTACACAGTTCCCT
TAGCCATCAAGTTAAAGGAGCACCCATCTTCTCATGTTTATTGAGATTGCCATCATCTCTATCTTCAA
GTCCTATCCAACCGTGGGCGATGTGGCCCTCTACATGGCTTTCTCCCTGTGTGGAGCCATCTACAGA
TTCTACGGAACATCTTCGTCCTCACCTGCATCATCATTGTCTGCTCTCTCTCTCCCTGTCCTGTGGC
ACCATGGATTTACGAGGAAGTGCCAACTCTAACTTCTTTTATGCCATCACACTGACCTTCAATGTTGG
GCAGATCCTGCTCATCTCTGACTACTTCTACGCTTCTGCGACGGGAGTATTACCTCACGCATGGTCTC
TACTTGACTGCCAAGGACGGCACTGAGGCCATGCTTGTGCTCAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_181637

Insert Size: 1308 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:

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_181637.1](#), [NP_853668.1](#)

RefSeq Size: 1623 bp
RefSeq ORF: 1308 bp
Locus ID: 353304
UniProt ID: [Q8CHJ1](#)
Cytogenetics: 3q41
Gene Summary: subunit of GPI transamidase that attaches GPI-anchors to proteins [RGD, Feb 2006]