

Product datasheet for RN204724

Prl2a1 (NM_053791) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prl2a1 (NM_053791) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prl2a1
Synonyms:	Ghd5; Prlpm
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204724 representing NM_053791 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGCAGCTGTCTATAACTCATCCATGCTGTTGGACCTGCGTCTGCTACTGGTGTCCAACCTGCTCCTGT
 GGGAGAATGTCGCCTTGGTGCCACGTGCTTAGTAAGGAATGGGCGCTGCTTTGCTTCCTTGGAAGAAAT
 GCTTGAAAGAGCTGTTGGTTTGTCTGAAGAGATAAGTAAACAAGCTCTTCAACTGTTTACTGAATTTGAT
 AATCAGTATGCGCAGAGCAAGCAGCTCATTAACAAGAAGCTCAAAAAATGTCATACATCTTCTCTTGAGC
 TTCCAAAACCCAGCAGTACATCTGTTTCAAGACATCCCATAAACCTACTGAAAATAGCAAGCAAATTATT
 GAGCGCCTGGAAGGTTCTCTGAACGACCTAGTGAACAACCTGCCATCCTTGAAAGACATACATCCTAAT
 ATCCTTTCCAAAGCCAGAGAGATTGAGGCTAAGAGCGCTGGACTCCTGGAGGGTGTAAAGAGCATTCTCA
 TCCAGATGCAAAATGGAGATACAGAAGATGAGAACTACCCTGGCTGGTCTGGACTGGCATCCTTGCAAGTC
 AGAGAAATGAAGATGATCGCTCTTTGCATATTATAACATGATCCGCTGTGAGGGTAGAGAAACGCAAAAG
 GTTGAACTGCTCTCAAGATGGTGAAGTGCAAAATTTCAAATGAAACAAGCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_053791
Insert Size:	687 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:	<u>NM_053791.2</u> , <u>NP_446243.1</u>
RefSeq Size:	1014 bp
RefSeq ORF:	687 bp
Locus ID:	116474
UniProt ID:	<u>Q9JII3</u>
Cytogenetics:	17p12
Gene Summary:	hormone that may be involved in placental function [RGD, Feb 2006]