

Product datasheet for RN215115

PrI (NM_012629) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PrI (NM_012629) Rat Untagged Clone
Tag: Tag Free
Symbol: PrI
Synonyms: Gha1; PrI1a1; PRLB; PRLSD1; Prol; RATPRLSD1; RNPROL
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215115 representing NM_012629
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACAGCCAAGTGTCTAGCCCGAAAGCAGGGACACTCCTCCTGCTGATGATGTCAAACCTTCTGTTCT
GCCAAAATGTGCAGACCCTGCCAGTCTGTTCTGGTGGCGACTGCCAGACACCTCTCCCGGAGCTGTTTGA
CCGTGTGGTCATGCTTTCTCACTACATCCATACCCTGTATACAGATATGTTTATTGAATTTGATAAACAG
TATGTCCAAGATCGTGAGTTTATTGCCAAGGCCATCAATGACTGCCCACTTCTTCCCTAGCTACTCCTG
AAGACAAGGAACAAGCCAGAAAGTCCCTCCGGAAGTTCTTTTGAACCTGATCCTCAGTTTGGTGCACCT
CTGGAATGACCCTCTGTTTCAACTAATAACTGGACTAGGTGGAATCCATGAAGCTCCTGATGCTATCATA
TCAAGAGCCAAAGAGATTGAGGAACAAAACAAGCGGCTTCTTGAAGGGATTGAAAAGATAATTAGCCAGG
CCTATCCTGAAGCCAAAGGAAATGAGATCTACTTGGTTTGGTCACAACCTCCATCCCTGCAAGGAGTTGA
TGAAGAATCCAAAGACTTGGCTTTTATAACAACATTCGGTGCCTGCGCAGGGATTCCACAAGGTTGAC
AATTATCTCAAGTTCTGAGGTGCCAAATTGTCCATAAAAACAACTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012629
Insert Size: 681 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:	<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:	<u>NM_012629.1</u> , <u>NP_036761.1</u>
RefSeq Size:	1016 bp
RefSeq ORF:	681 bp
Locus ID:	24683
UniProt ID:	<u>P01237</u>
Cytogenetics:	17p12
Gene Summary:	induces lactation; may facilitate decidual growth and placentation; promotes prostate epithelial cell proliferation [RGD, Feb 2006]