

Product datasheet for RN214943

Prl8a7 (NM_022537) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prl8a7 (NM_022537) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prl8a7
Synonyms:	Ghd10; Prlpd
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214943 representing NM_022537 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCTGCCATTGAGTCAACATTCCTTCTGCAAACCTCTGCTCCTGGTGGTATCAAGCTTGCTGTTGT
GGGAAAAAGCTGCATCAATTCTGCATGTCTTGCAGGAGGGCGGCTGCTGGAACCCCTTGTTGAAAC
ATTTAACAGTGCCATCCATAAAGCTGAGACGCTCTATGACCTTGCTAATCAGATACATGTAGAGCTCTAC
CAAAACAATTCTCATCTGAACAGTTTTTCATCTTAATTCACAAGTGATTAGGAAAGACAAGACTGCTC
TCAGAGCTGGAAGTTACTGCCATTCAACTCTCATAAACACCCCAATAAGGAAAATGAACATATAAATAT
TGAAATCAAAGAGTATGTAAAACTTTGATCAATTTTGTGGTGCCTGGATCAGCCCTCTATACCATCTA
GTGCTTGAATTGAGTGCCATGCAAGATGTCCCAGAATCTATCCTCTCTAAAGCCAAGGAAATTGAAGAGA
ACAACAGACAACCTCTGGATGACCTTAAGTGGATACTCATCAAGGTCTCTCTACAGAAGAGATGAAGGA
AGAATTTCCAGCTGGGACACCTTTCTTTCTTAAATCAAGTGGCGAAAAATCTAAGTTTTGGCAATG
TTAATCTTTCAAACGTCTAGGCTATGATGCAAAGTACTCTATTAATCTCAGGATATTAATGTC
TCACAACGGGAAAGATTGCT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_022537
Insert Size:	723 bp



[View online »](#)

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_022537.1 , NP_071982.1
RefSeq Size:	967 bp
RefSeq ORF:	723 bp
Locus ID:	64368
UniProt ID:	P33578
Cytogenetics:	17p12
Gene Summary:	member of the rat placental prolactin (Prl) protein family; structurally similar to Prl and growth hormone (GH); expression increases with pregnancy [RGD, Feb 2006]