

Product datasheet for **RN208907**

Cenpi (NM_012955) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cenpi (NM_012955) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cenpi
Synonyms:	Fshprh1; LRPR1; RNALRP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN208907 representing NM_012955

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

 ATGGCAACTCCAAGGCTTACTAGAACTCCCAACAACAAACAGAATTTCTCAAGGCAGTAAATAGTCGTC
 AGACCACTCTCTTAGACTGGAAGGTGAAAGACAAAGCAGGCAACTCCAAGAGTGTCTTGGAAGAAAGTAG
 TTCCCTGGAAGATTCTAACCACGCTGACGATCAAACTGAAGACGCTCTGCAGACAGCAGTAGAATACTTC
 CAGAAAGGCCCTAAGAAAGCTTCACTGAGTAAAGATTCGGTCTTGGAACAACTGAAACTGTGGAAA
 ATGTGGCTTGGACAATGGCTTAGCCCCAGAAGCAATTGATATTTTATTGAATGTGGCACTCAGTGGCAA
 GTTCGGGAATGCTCTAAGCACACGGATTTAAAGTGCATGATTCCAGAACTCACATATCAGAAGATTCT
 GTGGTTAAGGCAGTATCCTGGCTCTGTGTGGGAAGTGTCTGGTAATACCAAGGTAATTTTTATCGTT
 GGTGTTGCGATGTTTGATTTTATTGATCATAAGAAGCAAATTAATTCGCTGTATGGCTCTTTTTTGT
 TTCATTGCAAGATGATACTCTGTGCCCTTATGTTTGCCATTTGTATATTTACTGACCAAAAGGAAAAT
 GTCAAACCATTTCTGTCGAGAAAATTGCTTGATCTCCAGGCCAAAATGGGAATGCAGCCTCATCTCCAGG
 CTTTGCTGCTCACTGTATAAGTTCTCGCTCCTACCCTGATTTCTGTATCTTTGCCTGTAAGGAAGAAGAT
 CTTTTTAATAATTCAAAAAATCTATGGACTCCAGCTCTCCTTGCTGTGAAGCTAAGGAATCAAGGAATT
 TTTCCAGAACCTCTAAAGCTTCAATTAGGTCCCACTTCCGGCCGTTCTCTAAAAAGAAAATGGAATTATC
 ACTCAGTTATACCAGCAGTAAATTCGTAAAGAAAGATGCAGAGAAAAGATGAGCCTTTTTGATTATCT
 CAGCAATGATAGATCACTTCCAGTAGAACAAGTTCCTCAGCTTTTAGAGAACATTCATTGC
 TTAGAGCTGCCTTCTCAGATGAGCTCAGTGCTAAACAGCTCTCTGCTACTTCACTATGTCAACTGTGTCA
 AAGATGAGTCAATCTTACTCAGGCTTTCTTATTGGCTGAGTCAACATTACAAGAAGAGTGTGTGGTA
 TAATATGAATGATTATCAACAAGAAAAGGAGTTTATAAACTTTCTGGACATGGTCAATCAGGGTGCACTGC
 TTCTTACAAGAGGGATTTTACTCCTGTGAGGCATTCTGTATAAAAGCCTGCCTCTCTGGGATGGCTTCT
 CTTGTCGGTCACAGTTCCTTAAGCTTCTGGCCTGGATTCCATTCACTAGCTTCTCTGAGATAAAGCCACT
 TCTTCTTGATCATCTAGCACCTCTCTTCTTACATCATCCATTTATTTCAAGTGCAGTCTTCTTCAATGT
 CTGAAAGACTTACTGCAGAATTGGCTGTTGTGGCTCTCTACAGAAGCACAGGTGCAGCCCATGACAGACA
 GTCCTCTGGAGACAATTTGGGTGGATCCATGGATTCTGTGTCTCAGTTGATTGAGTACATAGGCTGGCT
 GTCCATGGTGGCAATACGCCTGGAGAGCAGCAGTACATTACTAGTGCATTTATTTGGACTTCTATGAG
 AAGGTGTGTGACATATATATAAATTATGACCTTCCATTGGTGGTGTGTTTCTCCTGTGGTCTTTCATT
 CTGCAATCCTAAGCTTGGATGCCACTATCTTGAACCAACTCTGTTACATAATGTACAGGTATCGCGATAA
 TTTGACAGCTGCTAAGAAAAAGGACCTTGACAGAAGGCAAAGTCAGAGTTCAGTATTAGCAGCAAGATC
 TGTAAGAATTTAATTACTATTTGACAGCTCTGGTTCAATGCCTATGGTCATCCAGACCATTTGAAACAG
 GAGTGATCATTGATCCCCAAATCATAGAAAATACTGGAGAAACACAGTATAAACACAACCTAAATTTTGT
 GCACCATCCTTGCTATTGAACTATGCAGCTTCTTTTTGCTACAGGAGAGCCGAGAAGAAATGCCAGTC
 CACCTGAGCTCTATCCGGGGAAGAAATGGAACGGTATTTGGACCATTATATTCAGAGGGTTTTCAAG
 GCTTAAACCTTTTCATAAAAAGTAGTATCGATCATTCTTCTGTATCCAAACAGAGAAAAACACA**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_012955

Insert Size:

2238 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:	<u>NM_012955.1</u> , <u>NP_037087.1</u>
RefSeq Size:	3108 bp
RefSeq ORF:	2238 bp
Locus ID:	25448
UniProt ID:	<u>Q63517</u>
Cytogenetics:	Xq32
Gene Summary:	involved in the response of gonadal tissues to follicle-stimulating hormone (FSH) [RGD, Feb 2006]