

Product datasheet for RN213267

Cpd (NM_012836) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpd (NM_012836) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpd
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213267 representing NM_012836 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGAGCGGCTGGGATGAGCGGCCGCCCTGGCGGCTGGAAAGCCTGCGGCTGCTACCGCCGCCACCCG
TGCTGCTGCTACTGCTGCTATTGAGGAGCTCGGCCAGGCGCGCACATCAAGAAGGCTGAGGCGACCAC
GACGACCGTCGGCGGCTCCGAGGCGGCCGAGGGCCAGTTTGACCACTACTACCAGAAGCGGCGCTGGGC
GAGGCACTGGAGGCGGCAGCGGCCGCGGGCCGCCTGGCCTGGCCGTCTCTTCAGCATCGCAATTTCGG
TGGAGGGCCGACCGCTGTGGGTGCTGCGCCTCACGGCTGGCCTGGGGCCGCCGCCACCCCGCCCGCCT
GGGGCTGGACGCCGCGGGGCCGCTGCTGCCCGCCGACCGCAGGTGAAGCTGGTGGGTAACATGCACGGC
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ACCCGCGCCTGGTCCGCCTGCTCAACACCACCGACGTATATTTGCTGCCAGCCTGAATCCGGATGGCTT
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TGGTGGCTCAGTGGTAGCAAGCTATCCTTTTATGATTCTCCCGAGCATAAGACCACTGGAATCTATAGC
AAAACCTCCGATGATGAAGTCTTTCGATACTTGGCGAAAGCTTATGCTTCTAACCACCCTATAATGAGAA
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TCACATTGATTGAAAAGGTCCACATTGGAATTAAGGATTTGTTAAAGACTCAGTCACAGGCTCTGGGTT
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GAAGATTTGCAATGAATATCCTAACATCACTCGCCTTTATTCTCTGGAAAGTCCGTAGAGTCGAGAGA
ACTGTATGTGATGGAGATATCTGACAACCCAGGCGTCCATGAACCAGGTGAACCAGAAATTAATATATT



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GGAAATATGCATGGAAATGAAGTGGTTGGAAGAGAACTGCTATTGAATCTCATCGAATACCTCTGCAAGA
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 AGAACATACCAGGAGGAGTATGCGGGGAGCAGAGTGGCACAGTACCTGGGAGCATGAAGGATTATAG
 TGTACCTATGGCCATTGCCAGAAATCACAGTATACACAAGCTGCTGCTACTTCCCAAGTGCAGCTCAA
 CTCCTGCCCCTATGGGCAGAGAACAAGAAGTCTCTCCTCAGCATGCTGGTGGAGTCCACAAGGAGTCC
 ATGGGTTAGTAAAAGACAAGACTGGTAAACCAATCTCTAAAGCAGTAATTGTAATCAATGAAGGAATAAG
 AGTACACACAAAAGAGGGGGTTATTTCCATGTGCTTTTAGCTCCTGGGGTCCATAACATCAATGCCATC
 GCTGATGGATATCAGCAACAGCATTACAGGTCTTTGTGCATCATGATGCAGCCAGTTCTGTGGTATAG
 TCTTTGATACAGATAACCGGATATTTGGTTTGGCAAGGAACTTGTGGTAACTGTGTGAGTCCACCAT
 GTCAGCGCTGATCCTCACGGCTTGCATCATTTGGTGCATCTGCTCTATCAAGTCTAACAGACACAAAGAT
 GGCTTCCACCGGCTGCGGAGCATCATGATGAATATGAAGATGAAATTCGCATGATGTAACCTGGCTCTA
 AGAAGTCCCTTTAAGCCATGAGTTCAGGATGAAACGGACACAGAGGAAGAGACATTATATTCTAGCAA
 ACATTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_012836
- Insert Size:** 4137 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_012836.2](#), [NP_036968.1](#)

RefSeq Size: 4374 bp

RefSeq ORF: 4137 bp

Locus ID: 25306

UniProt ID: [Q9JHW1](#)

Cytogenetics: 10q24

Gene Summary: putative carboxypeptidase D protein that may participate in peptide processing in the secretory pathway; alternatively spliced CPD-N form is induced by prolactin and is localized to the nucleus [RGD, Feb 2006]