

Product datasheet for RN214161

Cdipt (NM_138899) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdipt (NM_138899) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdipt
Synonyms:	Pis; Pis1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214161 representing NM_138899 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCAGAGGAAAATATCTTCCTGTTTCGTGCCTAATCTTATTGGTTATGCCCGGATTGTTTTGCCATCA
TTTCCTTCTACTTTATGCCCTGCTGCCCTTACGGCCTCCTCCTCTATCTACTCAGCGGACTTCTAGA
CGCTTTTCGATGGACACGCAGCTCGAGCCCTTAATCAAGGAACCCGATTTGGGGCCATGCTCGACATGCTG
ACGGACCGTTGCGCCACCATGTGTCTTTGGTCAACCTGGCCCTGCTCTACCCTCGGGCCACTCTTCTGT
TCCAGCTCAGCATGAGCCTGGACGTGGCCAGTCACTGGCTGCATCTGCACAGTTCTGTGGTGCGAGGCAG
TGAGAGCCACAAGATGATTGACCTGTCTGGAAACCCTGTGCTTGAATCTACTATACTTCCAGGCCTGCT
CTGTTCACCCTGTGTGCTGGAAATGAACTTCTACTGCCTCCTGTACCTGTTCAATTTCTCCGAGGGAC
CACTAGTCGGCTCTGTGGGGCTTTCCGAATGGCCTCTGGATCACAGCTCCCATTGCCCTGCTCAAGTC
CATCATTAGTGCATCCACCTCGTCACGGCTGCAAGGAACATGGCTGCCCTCGATGCAGCAGACCCGCC
AAGAAGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_138899
Insert Size:	642 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:	NM_138899.2 , NP_620254.1
RefSeq Size:	1890 bp
RefSeq ORF:	642 bp
Locus ID:	192260
UniProt ID:	P70500
Cytogenetics:	1q37
Gene Summary:	catalyzes the formation of phosphatidylinositol and CMP from CDP-diacylglycerol and myo-inositol [RGD, Feb 2006]