

Product datasheet for **RG210312**

CNDP1 (NM_032649) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNDP1 (NM_032649) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CNDP1
Synonyms:	CN1; CPGL2; HsT2308
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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Cloning Scheme:


ACCN: NM_032649

ORF Size: 1524 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_032649.5](#), [NP_116038.4](#)

RefSeq Size: 2211 bp

RefSeq ORF: 1524 bp

Locus ID: 84735

UniProt ID: [Q96KN2](#)

Cytogenetics: 18q22.3

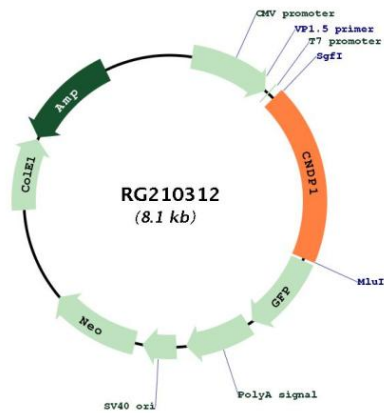
Domains: Peptidase_M20

Protein Families: Protease, Secreted Protein

Protein Pathways: beta-Alanine metabolism, Histidine metabolism, Metabolic pathways

Gene Summary: This gene encodes a member of the M20 metalloprotease family. The encoded protein is specifically expressed in the brain, is a homodimeric dipeptidase which was identified as human carnosinase. This gene contains trinucleotide (CTG) repeat length polymorphism in the coding region. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG210312