

Product datasheet for RC203145L3

CPA3 (NM_001870) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CPA3 (NM_001870) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: CPA3

Synonyms: MC-CPA

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC203145).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_001870

ORF Size: 1251 bp



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CPA3 (NM_001870) Human Tagged Lenti ORF Clone - RC203145L3

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: <u>NM 001870.1</u>

 RefSeq Size:
 1699 bp

 RefSeq ORF:
 1254 bp

 Locus ID:
 1359

 UniProt ID:
 P15088

Cytogenetics: 3q24

Protein Families: Druggable Genome, Protease, Secreted Protein

Protein Pathways: Renin-angiotensin system

MW: 48.7 kDa

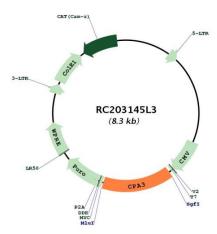
Gene Summary: This gene encodes a member of the carboxypeptidase A family of zinc metalloproteases. The

encoded preproprotein is proteolytically processed to generate a mature protease that is released by mast cells and may be involved in the degradation of endogenous proteins and the inactivation of venom-associated peptides. Expression of this gene may be elevated in

human asthma patients. [provided by RefSeq, Nov 2015]



Product images:



Circular map for RC203145L3