

Product datasheet for RC203535L2

OriGene Technologies, Inc.

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XPNPEP1 (NM_020383) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: XPNPEP1 (NM_020383) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: XPNPEP1

Synonyms: APP1; SAMP; XPNPEPL; XPNPEPL1

Mammalian Cell None

Selection:

Vector:pLenti-C-mGFP (PS100071)E. coli Selection:Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC203535).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_020383

ORF Size: 1869 bp





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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 020383.2</u>, <u>NP 065116.2</u>

RefSeq Size:2557 bpRefSeq ORF:2001 bpLocus ID:7511

UniProt ID: <u>Q9NQW7</u>

Cytogenetics: 10q25.1

Domains: Peptidase M24

Protein Families: Druggable Genome, Protease

MW: 69.9 kDa

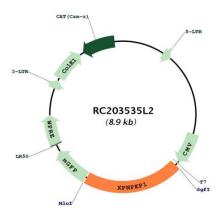
Gene Summary: This gene encodes the cytosolic form of a metalloaminopeptidase that catalyzes the cleavage

of the N-terminal amino acid adjacent to a proline residue. The gene product may play a role in degradation and maturation of tachykinins, neuropeptides, and peptide hormones.

Alternative splicing results in multiple transcript variants.[provided by RefSeq, Nov 2009]



Product images:



Circular map for RC203535L2