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Product datasheet for SC330774

ARPP21 (NM_001267616) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: ARPP21 (NM_001267616) Human Untagged Clone

Tag: Tag Free

Symbol: ARPP21

Synonyms: ARPP-21; R3HDM3; RCS; TARPP

Vector: pCMV6-Entry (PS100001)

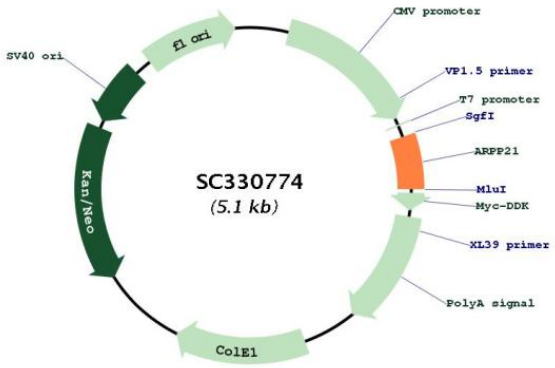
Fully Sequenced ORF:

>SC330774 representing NM_001267616.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTCTGAGCAAGGAGACCTGAATCAGGCAATAGCAGAGGAAGGAGGGACTGAGCAGGAGACGGCCACT
CCAGAGAACGGCATTGTTAAATCAGAAAGTCTGGATGAAGAGGAGAAACTGGAACTGCAGAGGCGGCTG
GAGGCTCAGAATCAAGAAAGAAGAAAATCCAAGTCAGGAGCAGGAAAAGGTAAACTGACTCGCAGCCTT
GCTGTCTGTGAGGAATCTTCTGCCAGACCAGGAGGTGAAAGTCTTCAGGATCAGACTCTCTGA

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001267616

Insert Size: 270 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:	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_001267616.1
RefSeq Size:	3578 bp
RefSeq ORF:	270 bp
Locus ID:	10777
UniProt ID:	Q9UBL0
Cytogenetics:	3p22.3
MW:	9.7 kDa
Gene Summary:	This gene encodes a cAMP-regulated phosphoprotein. The encoded protein is enriched in the caudate nucleus and cerebellar cortex. A similar protein in mouse may be involved in regulating the effects of dopamine in the basal ganglia. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012] Transcript Variant: This variant (5) differs in the 5' and 3' UTR, lacks several exons and includes an alternate 3' terminal exon, compared to variant 1. It encodes isoform 2 which is shorter and has a distinct C-terminus, compared to isoform 1. Variants 2, 3, 4, 5 and 7 all encode the same isoform (2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.