

Product datasheet for RN215137

Ppa2 (NM_001135871) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppa2 (NM_001135871) Rat Untagged Clone
Tag: Tag Free
Symbol: Ppa2
Synonyms: RGD1307965
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN215137 representing NM_001135871
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGCGCGTGTGCTGCCACTGCTGAGCGTCGGCCGAGGGTGGCGCGTGGGGGCGCCGCCCTCCCTCCGC
 GCCCGTAATGTCCTGTACCGCACGGAGGAGCTGGGCCATCCCCGCTCGAAGGATTACCGCCTGTTCTT
 CAAGCACGTAGCTGGCCACTACATCTCCCTTTCCATGACATTCCTCTGAAGGCAGACTGTGAAGAGGAA
 CATGGCATTCCCAGGAAAAAGGCACGGAATGATGAATATAAGGCTTCGTTAATATGTTGTGAAATAC
 CTCGGTGGACAAATGCCAAGATGGAGATTGCCACCGAGGAGCCACTGAACCCATTAAGCAAGACACCAA
 GAACGGGAGGCTGCGCTACACCCCGAACATCTTCCCCACAAGGCTACATATGGAATTACGGGGCCCTC
 CCTCAGACCTGGGAAGATCCTCATCTAAAAGACAAGAGTACAAACTGCTGTGGAGACAACGACCCCATTTG
 ACGTTTGTGAAATAGGCTCCAAGTTCTTTCCCGTGGAGACGTGGTCCATGTGAAGATCCTGGGGACTTT
 GGCACCTATCGATCAGAGTGAACAGATTGAAAAATAATTGCTATCAATGTGAATGATCCTGAGGCTGAA
 AAATTTTCATGATATTGATGATGTTAAGAAGTTCAAACCAGGTTACCTAGAAGCCACTGTCAATTGGTTTA
 GACTCTATAAGGTACCAGATGGAAAACAGAAAACAAGTTTGCTTTAATGGAGAATTCAAAAACAAGGC
 TTTTGCCTCGAAGTTATTAACCTGCACATGAACATTGGAAAGAGATGGTGTGAAGAAGTGTGACAAG
 GGAGCTATCAGTTGTGTGAACGTGCACATCTGTGATAGCCCTTTCCACTGCACTACAGAGGAAGCAAGGT
 CACTAGTTGAATCGATCCCAACCTTCAATGAGTAAAGAAAGCAGTGTAGAAGAAGAAGTGTGGCACTT
 CCTCCGCAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001135871
Insert Size:	993 bp
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:	<u>NM_001135871.1</u> , <u>NP_001129343.1</u>
RefSeq Size:	1154 bp
RefSeq ORF:	993 bp
Locus ID:	310856
Cytogenetics:	2q43