

Product datasheet for **RG200058**

PDAP1 (NM_014891) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PDAP1 (NM_014891) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: PDAP1
Synonyms: HASPP28; PAP; PAP1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG200058 representing NM_014891
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGCCTAAAGGAGGAAGAAAGGGAGGCCACAAAGGCCGGGCGAGGCAGTATACAAGCCCTGAGGAGATCG
ACGCGCAGCTGCAGGCTGAGAAGCAGAAGGCCAGGGAAGAAGAGGAGCAAAAAGAAGGTGGAGATGGGGC
TGCAGGTGACCCAAAAAGGAGAAGAAATCTCTAGACTCAGATGAGAGTGAGGATGAAGAAGATGACTAC
CAGCAAAAGCGCAAAGGCGTTGAAGGGCTCATCGACATCGAGAACCCCAACCGGGTGGCACAGACAACCA
AAAAGGTCACACAACCTGGATCTGGACGGGCCAAAGGAGCTTTCGAGGAGAGAACGAGAAGAGATTGAGAA
GCAGAAGGCAAAAGAGCGTTACATGAAAATGCACTTGGCCGGGAAGACAGAGCAAGCCAAGGCTGACCTG
GCCCGGCTGGCCATCATCCGGAACAGCGGGAGGAGGCTGCCCGGAAGAAGGAAGAGGAAAGGAAAGCAA
AAGACGATGCCACATTGTGAGGAAAACGAATGCAGTCACTCTCCCTGAATAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG200058 representing NM_014891
Red=Cloning site Green=Tags(s)

MPKGGRKGHKGRRQYTSPEEIDAQLQAEKQKAREEEQKEGGDGAAGDPKKEKSLDSDESEDEEDDY
 QQKRKGVEGLIDIENPNRVAQTTKVTLDLDPKELSRREEIEKQKAKERYMKMHLAGKTEQAKADL
 ARLAIIRKQREEAARKKEERKAKDDATLSGKRMQSLSLNK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: NM_014891

ORF Size: 543 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_014891.7](#)

RefSeq Size: 2383 bp

RefSeq ORF: 546 bp

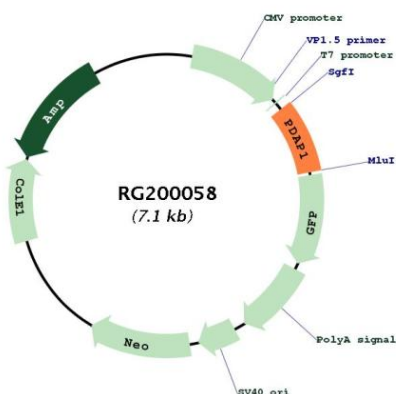
Locus ID: 11333

UniProt ID: [Q13442](#)

Cytogenetics: 7q22.1

Gene Summary: The protein encoded by this gene is a phosphoprotein that may upregulate the PDGFA-stimulated growth of fibroblasts and also downregulate the mitogenicity of PDGFB. The encoded protein in rodents has been shown to bind PDGFA with a low affinity. [provided by RefSeq, Dec 2010]

Product images:



Circular map for RG200058