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Product datasheet for SC114739

PDAP1 (NM_014891) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PDAP1 (NM_014891) Human Untagged Clone
Tag:	Tag Free
Symbol:	PDAP1
Synonyms:	HASPP28; PAP; PAP1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_014891 edited ATGCCTAAAGGAGGAAGAAAGGGAGGCCACAAAGGCCGGGCGAGGCAGTATACAAGCCCT GAGGAGATCGACGCGCAGCTGCAGGCTGAGAAGCAGAAGGCCAGGGAAGAAGAGGAGCAA AAAGAAGGTGGAGATGGGGCTGCAGGTGACCCCAAAAAGGAGAAGAAATCTCTAGACTCA GATGAGAGTGAGGATGAAGAAGATGACTACCAGCAAAAGCGCAAAGGCGTTGAAGGGCTC ATCGACATCGAGAACCCCAACCGGGTGGCACAGACAACCAAAAAGGTCACACAACTGGAT CTGGACGGGCCAAAGGAGCTTTCGAGGAGAGAACGAGAAGAGATTGAGAAGCAGAAGGCA AAAGAGCGTTACATGAAAATGCACTTGGCCGGGAAGACAGAGCAAGCCAAGGCTGACCTG GCCCGGCTGGCCATCATCCGGAAACAGCGGGAGGAGGCTGCCCGGAAGAAGGAAGAGGAA AGGAAAGCAAAAGACGATGCCACATTGTCAGGAAAACGAATGCAGTCACTCTCCCTGAAT AAGTAA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014891 unedited GCACGAGGCCTCGTGCCGAATTCGGCACGAGGGCCGCCGCCGCCGCAGCCGCCGGAGCCG CAATGCCTAAAGGAGGAAGAAAGGGAGGCCACAAAGGCCGGGCGAGGCAGTATACAAGCC CTGAGGAGATCGACGCGCAGCTGCAGGCTGAGAAGCAGAAGGCCAGGGAAGAAGAGGAGC AAAAAGAAGGTGGAGATGGGGCTGCAGGTGACCCCAAAAAGGAGAAGAAATCTCTAGACT CAGATGAGAGTGAGGATGAAGAAGATGACTACCAGCAAAAGCGCAAAGGCGTTGAAGGGC TCATCGACATCGAGAACCCCAACCGGGTGGCACAGACAACCAAAAAGGTCACACAACTGG ATCTGGACGGGCCAAAGGAGCTTTCGAGGAGAGAACGAGAAGAGATTGAGAAGCAGAAGG CAAAAGAGCGTTACATGAAAATGCACTTGGCCGGGAAGACAGAGCAAGCCAAGGCTGACC TGGCCCGGCTGGCCATCATCCGGAAACAGCGGGAGGAGGCTGCCCGGAAGAAGGAAGAGG AAAGGAAAGCAAAAGACGATGCCACATTGTCAGGAAAACGAATGCAGTCACTCTCCCTGA ATAAGTAACTGCGACCCGTGGGAGGAGATGCCGGGGACCTGNGCCGCGCTGCCAGGACCT CTGCTGTGTCTCGCCCACCCTGTGCCCTGGCGCCGCTGCAACA

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3' Read Nucleotide Sequence:

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>OriGene 3' read for NM_014891 unedited
GGCCGCTTTTAGAATCGAGTTTTTTTTTTTTTTTTTGCGATAATGTCAAGTTTAATCTG
CCAAATATACAAGTTGAATTTGTGGAGCATGTTTTGCCTGGGTGCCACACAGTAAACAGA
GGTTTCTTGAAATGATCAATGGGTAGGGCTGAAAATGGGCACTGGCCCTATCCAGGTGAG
TAAGAACCGGGCAGGGAAGGGCATATAGGTGAGGCCCTGAGGTCAGTCAGACAGGACTGA
CCAGGGACAAGCCATGACCCTCGAGGACCCAGGGGCACAGGCTCCCAGATGATAGCCCCT
CTCTGAATGAGCACCCAGGCAACACAGTCCGGGGCTGTGTGTAGCAAACCTGTCAGCAGC
TGCCTCCTGGGACAACCACCCCCTTACATGCTATCTATCTACCAGACAAATGAAAGCTCT
TCTTACCCCATCTCCCATGCACCCCCCAGCAAGGGCTCTGAATTCTAAAAACAGCAAAAA
CATTCAAATGGTTACATATGAAATGCTGTCCTGCATCTTTCTGTCTCAAAGATAGCAGCT
ACCCCTCCCCCAGTTTCCCCCCTCATTCCCCAACAATTTCTGTGCCTATATGAATAGGAG
GCCCGCAGTCCTGGGGGGCTTCTGGACATTATGGGTTTGTTGTATTGGTCCCCACGCACA
AGGTGGGCTATACACAATTTAGGTTCTGGTTACACGGTCCATGTATCCTGTATCTACACC
CCCGGGACTCAACTTCCTTTTACAGGATATTGCCTGGCTTTCTCTTTCTTCACATGCGGC
GCCCAAGGTCGTCACCGTTACATCTACCTTTCTCTCGGCACACCACCACCCTACTTTCCG
CTAATTTCTCCTCCGATCTATACTTATTGTCTTTTCCTATTTATCCGGAAAAGCCCTTCT
GTATTCTCTCTTTCTACCTATGCTATCAACGCTCTGCGGTTCTACAGCATCCTATCTTAC
TCACTCCTACCTTTCATCCATCTATAG
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Restriction Sites: NotI-NotI

ACCN: NM_014891

Insert Size: 1340 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:
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_014891.5, NP_055706.1

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]