

Product datasheet for SC332033

Paxillin (PXN) (NM_001243756) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Paxillin (PXN) (NM_001243756) Human Untagged Clone
Tag: Tag Free
Symbol: Paxillin
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332033 representing NM_001243756.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGACGACCTCGACGCCCTGCTGGCGGACTTGGAGTCTACCACCTCCCACATCTCCAAACGGCCTGTG
TTCTTGTGCGGAGGAGACCCCTACTCATACCCAACCTGAAACACACATACCAGGAGATTGCCGTGCCA
CCCCCGTCCCCCACCCCGTCCAGCGAGGCCCTCAATGGCACAATCCTTGACCCTTAGACCAGTGG
CAGCCCAGCAGTCCCGATTTCACACCAGCAGCCTCAGTCTCATCACCTGTGTACGGTCCAGTGCC
AAAACCTCCAGTGTCTCCAACCTCAGGACAGTGTGGCTCTCCGTGCTCCCGAGTGGGTGAGGAGGAG
CAGCTACAGCTTCCCAACAAGCAGAAATCAGCTGAGCCTTACCCACCCTAATGAGCAGTCCCTG
GGCAGCAACCTTTCTGAACTCGACCGCCTGCTGCTGGAACCTGAACGCTGTACAGCATAACCCGCCAGGC
TTCCCTGCAGATGAGGCCAACTCAAGCCCCCGCTTCTGGGGCCCTGAGCCCCCTCATGGTGTCCCA
GAGACTAACAGCCCTTGGGAGGCAAAGCTGGGCCCTGACGAAAGAGAAGCCTAAGCGGAATGGGGGC
CGGGCCCTGGAGGACGTGCGGCCAGTGTGGAGAGTCTCTGGATGAACTGGAGAGCTCCGTGCCAGC
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ATCCTGGATAAAGTGGTACAGCCCTTGACCGGACGTGGCACCCTGAACACTTCTTGTGCACAGTGT
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GACATGTTGACACCAAGTGTGGCGCTGCGCCGGCCATCCTGGAGAACTATATCTCAGCCCTCAAC
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GAGCACGACGGGAGCCCTACTGTGAGGTGCACTACCACGAGCGCGCGGCTCGCTGTGTTCTGGTGC
CAGAAGCCATCACCGCGCTGCATCACGCCATGGCCAAGAAGTTCCACCCGAGCACTTCGTCTGT
GCCTTCTGCCTCAAGCAGCTCAACAAGGGCACCTCAAGGAGCAGAACGACAAGCCTTACTGTCAGAAC
TGCTTCTCAAGCTTCTGCTAG
  
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Restriction Sites: SgfI-MluI



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ACCN:	NM_001243756
Insert Size:	1818 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:	NM_001243756.1
RefSeq Size:	3835 bp
RefSeq ORF:	1818 bp
Locus ID:	5829
UniProt ID:	P49023
Cytogenetics:	12q24.23
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Chemokine signaling pathway, Focal adhesion, Leukocyte transendothelial migration, Regulation of actin cytoskeleton, VEGF signaling pathway
MW:	66.2 kDa
Gene Summary:	<p>This gene encodes a cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. These isoforms exhibit different expression pattern, and have different biochemical, as well as physiological properties (PMID:9054445). [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (3) uses an alternate in-frame acceptor splice site at an internal coding exon compared to variant 1. This results in a longer isoform (3, also known as isoform gamma) containing a 48 aa protein segment not found in isoform 1.</p>