

Product datasheet for **SC324129**

PRPSAP1 (NM_002766) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRPSAP1 (NM_002766) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRPSAP1
Synonyms:	PAP39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_002766.1
 CCCCCGCCGCCATGAACGCCGCTCGCACCGGCTACCGAGTCTTCTCGGCCAACTCCACG
 GCCGCCTGCACGGAGCTGGCCAAGCGCATCACAGAGCGCCTTGGTGCTGAATTGGGGAAG
 TCTGTTGATATCAAGAGACCAATGGAGAAACAAGAGTTGAAATAAAAAGAAATCTGTTGCT
 GGCCAAGATATTTTCATTATACAGACAATACCCAGAGATGTGAATACAGCTGTGATGGAG
 TTGCTCATATGGCTTACGCACTGAAGACTGCCTGTGCCAGGAACATTATTGGGGTCATC
 CCCTACTCCCCTACAGCAAGCAGAGCAAGATGAGGAAGAGGGGTTCCATTGTGTGCAAG
 CTGCTAGCATCCATGCTGGCGAAAAGCAGGTTTAACTCACATTATCACTATGGATCTTCAT
 CAAAAGGAAATACAAGGCTTTTTTCAGCTTTCCTGTGGACAACCTTAGAGCCTCACCTTTC
 CTGCTTACAGTATATCCAGGAAGAAATCCAAATTACAGAAATGCAGTCATTGTAGCTAAG
 TCTCTGATGCTGCAAAGAGGGCCAGTCTATGCGGAGAGACTGCGTCTGGGTTTGGCC
 GTCATTACGGGGAAGCTCAGTGCACGGAAGTGGACATGGACGATGGTCTCACTCCCCG
 CCTATGGTCAAAAATGCTACTGTGCACCCAGGCCTGGAGTTGCCATTGATGATGGCCAAA
 GAGAAGCCACCGATAACTGTAGTTGGAGATGTTGGAGGCCGATCGCAATCATCGTGGAT
 GACATTATTGACGATGTGGAGAGTTTTGTTGCTGCCGCGAGATCCTGAAAGAGAGAGGC
 GCCTATAAGATCTATGTTATGGCCACCCACGGCATCCTGTCTGCAGAGGCCCTCGCCTG
 ATTGAGGAGTCTCCGTAGACGAGGTGGTGGTGACGAATACTGTCCCTCATGAGGTTTCAG
 AAGCTGCAGTGTCCCAAGATAAAGACTGTGGATATCAGTTTATTCTTTCTGAAGCCATT
 CGGAGAATCCACAATGGAGAGTCCATGGCCTACCTTTTCCGAAACATCACTGTGGATGAC
 TAGCTTTCACGAGGGTCTCGACCTGGACCTCCTGAGGGAACATGGAAGGAGCAGTGCC
 ATGAGTGATACAGTGTTCCTTGAAGGGAGGACTCGAAACAGCCTGGAGTTAGATATCT
 TCTTTTGGCCGGATTGATGGGGAGGAGGATTAAGAGAGTCAAGGAAGAAGACAGAGCTAA
 TGGATAAATATCATAACATGGCCTTACATGTCTGCTGTCATCAGCCCTGTTCTTAAAAG
 TTCTAGCTGCTTTCTTAAAAATAATCTGAAAATCTTATTGATACTAAAGAGGAGTTAAAG
 GCACATAAAGTCTTAACTCTATAATGTTCAATTTAGTTGTTTCAGTCCAGGGAATGGAG
 GTATTGATGTTGAACCTGGTTAGGGAAGCTGAGCGCCTGTGGCCCTATTACTATCCAGTT
 GGCCTCTCCCAAATCAACTTCAAGTCTTTTATAGAGAATCGTATTTTTCTTTCAGAAATT
 GTTATGCCTACAGCCATTGAAAAATGAAGCATTATGTTGTTACATCTTCCAAGGATGTC
 AGATTAGAAAATAGCATCCACCTCTGGGTATCTGAGTGGCTCTGAAGTTGCAAATAAAA
 TAATTTGTTGTCAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_002766

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_002766.1](#), [NP_002757.1](#)

RefSeq Size: 2359 bp

RefSeq ORF: 1071 bp

Locus ID: 5635

UniProt ID: [Q14558](#)

Cytogenetics: 17q25.1

Domains: Pribosyltran

Gene Summary: Seems to play a negative regulatory role in 5-phosphoribose 1-diphosphate synthesis.
[UniProtKB/Swiss-Prot Function]