

Product datasheet for **SC327241**

SAPS3 (PPP6R3) (NM_001164160) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SAPS3 (PPP6R3) (NM_001164160) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPP6R3
Synonyms:	C11orf23; PP6R3; SAP190; SAPL; SAPLa; SAPS3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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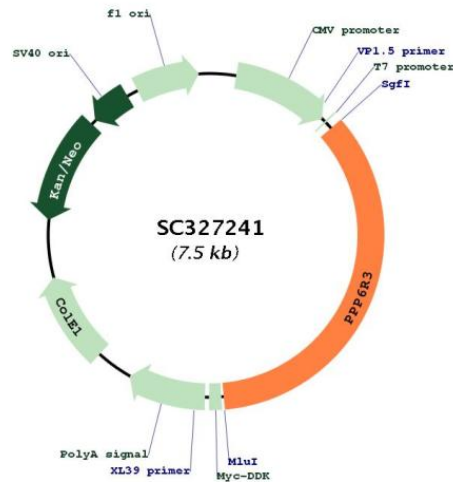
Fully Sequenced ORF: >SC327241 representing NM_001164160.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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Restriction Sites: Sgfl-Mlul

Plasmid Map:



ACCN: NM_001164160

Insert Size: 2640 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).

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_001164160.1](#)

RefSeq Size: 5145 bp

RefSeq ORF: 2640 bp

Locus ID: 55291

UniProt ID: [Q5H9R7](#)

Cytogenetics: 11q13.2

MW: 98.5 kDa

Gene Summary: Protein phosphatase regulatory subunits, such as SAPS3, modulate the activity of protein phosphatase catalytic subunits by restricting substrate specificity, recruiting substrates, and determining the intracellular localization of the holoenzyme. SAPS3 is a regulatory subunit for the protein phosphatase-6 catalytic subunit (PPP6C; MIM 612725) (Stefansson and Brautigam, 2006 [PubMed 16769727]).[supplied by OMIM, Nov 2010]
Transcript Variant: This variant (4) lacks two alternate in-frame exons, compared to variant 1. The resulting isoform (4) lacks two internal segments, compared to isoform 1. Variants 4, 24, and 39 all encode the same isoform (4).