

Product datasheet for **SC327670**

SAPS3 (PPP6R3) (NM_001164161) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SAPS3 (PPP6R3) (NM_001164161) Human Untagged Clone
Tag:	Tag Free
Symbol:	SAPS3
Synonyms:	C11orf23; PP6R3; SAP190; SAPL; SAPLa; SAPS3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001164161, the custom clone sequence may differ by one or more nucleotides

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ATGTTTTGGAAATTTGATCTTCACTCATCATCCCACATAGACACACTTCTAGAAAGAGAA
GATGTAACACTGAAGGAGTTAATGGATGAGGAAGATGTTTTACAGGAATGTAAAGCTCAG
AACCGCAAACCTTATAGAGTTTCTGTTAAAAGCAGAATGTCTCGAAGATTTAGTCTCATT
ATTATAGAAGAACCACCTCAAGACATGGATGAAAAGATCAGATACAAGTATCCAAATATA
TCTTGTGAGTTGCTCACTTCTGATGTCTCCAGATGAATGATAGACTGGGAGAAGATGAA
TCCTTGCTAATGAAATTATAGCTTCCCTCCTAAACGATTCCTTTGAATCCACTACTT
GCCAGTTTCTTCAAGGCTGCTAAGTATTCTTATCAGCAGAAAACCAGAACAGATTGTG
GATTTCTTAAAGAAGAAGCATGATTTTGTAGACCTTATTATAAAGCACATAGGAACCTCT
GCTATCATGGATTTGTTGCTCAGGCTCCTGACGTGTATCGAACCTCCACAGCCCAGGCAA
GATGTGCTGAATTGGTTAAATGAGGAGAAAATTATCCAGAGGCTTGTGGAATAGTTCAT
CCATCGCAAGAAGAAGATCGACATTCAAATGCATCACAATCACTTTGTGAAATTGTTGCG
CTGAGCAGAGACCAGATGTTACAAATTCAGAACAGTACAGAGCCCAGCCCTGCTTGCC
ACTCTAGAAAAGCAAGAAATTATAGAGCAGCTTCTATCAAAATTTTTCCACAAGGAGAAA
AATGAGTCAGCCATAGTCAGTGAATCCAGATATTGCTGACTTTACTTGAGACACGACGA
CCAACATTTGAAGGCCATATAGAGATCTGCCACCAGGCATGAGCCATTAGCTTGTTCAT
GTAAACAAGAGTGTCTAGAAGCCATCAGAGGAAGACTTGGATCTTTTCACTGAACTCCTG
CTGGAGCCACCCAAGAAAAGTGTGATGAAGACCACATGGGGTGTGCTGGATCCTCCTGTG
GGGAATACCCGGTTGAATGTCTTAGGTTGATATCCAGCTGCTCAAACCAATACCAGC
AGTATAAATGGGACCTTATGGAGCTGAATAGCATTGGAGTCATATTGAACATGTTCTTC
AAGTATACATGGAATAACTTTTTGCATACACAAGTGGAAATTTGATTGCACTGATTCTT
GCAAGTCTTTTTGAAAACACAGAAAATGCCACAATTACCGATCAAGACTCCACTGGTGAT
AATTTGTTATTAACACATCTTTTCCAAAATGTCAATTAATAGAACGAATACTTGAAGCC
TGGAAATGAATGAGAAGAAACAGGCTGAGGGAGGAAGACGGCATGGTTACATGGGACAC
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TCTTTGACGAAAGCCTTTTCTGATTATCAGATGCAACAAATGACGTCCAATTTTATTGAC
CAGTTTGGCTTCAACGATGAGAAGTTTGCAGATCAAGATGACATTGGCAATGTTTCTTTT
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GATATATGGGAGGAAAAGCACATCGCATTACACCAGAATCCCAAAGACGATCCAGCTCG
GGGAGTACAGACAGTGAAGAAAGTACAGACTCTGAAGAAGAAGATGGAGCAAAGCAAGAC
TTGTTTGAACCCAGCAGTGCCAACACGGAGGATAAAATGGAGGTGGACCTGAGTGAACCA
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TCTGTGGGATCTGATGTCTGGAGCACAGAGGAGCCGATGCCAACTAAAGAGACGGGCTGG
GCTTCTTTTTTTCAGAGTTACGTCTTCCCTGAGCACAAAAGATTCTTTAAGGAGTAATTCT
CCAGTGGAAATGGAAACCAGCACTGAACCCATGGACCCTCTGACTCCAGTGCAGGCTGCC
CTGGCAGTGCAGCCAGAAGCGGCAGGAGTGTGGCCATGGAAGCCAGCTCTGACGGAGAG
GAGGATGCAGAAAGTACAGACAAGGTAAGTGTGAGACAGTGTGAATGGCGGCATGAAGGAA
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AAACTGTCTACCTCTCAAGATGCTGCTTGTAAAGACGCAGAGGAGTGTCCCAGACTGCA
GAGGCGAAGTGCAGCGGCCAGGCTCCAGCAGCAGTCCCAGCAGAGGACTGGCCAA
CCAAGCGCACCAGGTGACTTTCAGTGAATGGCCCTGTA
    
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Restriction Sites: Please inquire
ACCN: NM_001164161

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:	<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:	<u>NM_001164161.1</u> , <u>NP_001157633.1</u>
RefSeq Size:	5127 bp
RefSeq ORF:	2622 bp
Locus ID:	55291
UniProt ID:	<u>Q5H9R7</u>
Cytogenetics:	11q13.2
Gene Summary:	<p>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 Brautigan, 2006 [PubMed 16769727]).[supplied by OMIM, Nov 2010]</p> <p>Transcript Variant: This variant (6) includes an additional exon in the 5' UTR, lacks three alternate in-frame exons, and uses an alternate splice site resulting in a distinct 3' coding region, compared to variant 1. The resulting isoform (6) lacks three internal segments and has a distinct C-terminus, compared to isoform 1. Variants 6, 28, and 35 all encode the same isoform (6).</p>