

Product datasheet for **SC327217**

SAPS3 (PPP6R3) (NM_001164164) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SAPS3 (PPP6R3) (NM_001164164) 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_001164164, the custom clone sequence may differ by one or more nucleotides

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ATGTTTTGGAAATTTGATCTTCACTCATCATCCCACATAGACACACTTCTAGAAAGAGAA
GATGTAACACTGAAGGAGTTAATGGATGAGGAAGATGTTTTACAGGAATGTAAAGCTCAG
AACCGCAAACCTTATAGAGTTTCTGTTAAAAGCAGAATGTCTCGAAGATTTAGTCTCATTC
ATTATAGAAGAACCACCTCAAGACATGGATGAAAAGATCAGATACAAGTATCCAAATATA
TCTTGTGAGTTGCTCACTTCTGATGTCTCCAGATGAATGATAGACTGGGAGAAGATGAA
TCCTTGCTAATGAAATTATATAGCTTCCCTCTAAACGATTCGCCCTTTGAATCCACTACTT
GCCAGTTTCTTCAGCAAGGTGCTAAGTATTCTTATCAGCAGAAAACCAGAACAGATTGTG
GATTTCTTAAAGAAGAAGCATGATTTTGTAGACCTTATTATAAAGCACATAGGAACCTTCT
GCTATCATGGATTTGTTGCTCAGGCTCCTGACGTGTATCGAACCTCCACAGCCCAGGCAA
GATGTGCTGAATTGGTTAAATGAGGAGAAAATTATCCAGAGGCTTGTGAAAATAGTTCAT
CCATCGCAAGAAGAAGATCGACATTCAAATGCATCACAATCACTTTGTGAAATTGTTGCG
CTGAGCAGAGACCAGATGTTACAAATTCAGAACAGTACAGAGCCCAGCCCCTGTTGCC
ACTCTAGAAAAGCAAGAAATTATAGAGCAGCTTCTATCAAAATATTTCCACAAGGAGAAA
AATGAGTCAGCCATAGTCAGTGAATCCAGATATTGCTGACTTTACTTGAGACACGACGA
CCAACATTTGAAGGCCATATAGAGATCTGCCACCAGGCATGAGCCATTAGCTTGTTCAT
GTAAACAAGAGTGTCTAGAAGCCATCAGAGGAAGACTTGGATCTTTTTCATGAACTCCTG
CTGGAGCCACCCAAGAACATGTTCTTCAAGTATACATGGAATAACTTTTTGCATACACAA
GTGGAATTTGTATTGCACTGATTTTCAAGTCTTTTGGAAAACACAGAAAATGCCACA
ATTACCGATCAAGACTCCACTGGTGATAATTTGTTATTTAAAACATCTTTTCCAAAATGT
CAATTAATAGAACGAATACTTGAAGCCTGGGAAATGAATGAGAAGAAACAGGCTGAGGGA
GGAAGACGGCATGGTTACATGGGACACCTAACGAGGATAGCTAACTGTATCGTGACAGC
ACTGACAAAGGGCCCCAACAGTGCATTAGTGCAGCAGCTTATCAAAGATCTTCCCGACGAA
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CAGTTTGGCTTCAACGATGAGAAGTTTGCAGATCAAGATGACATTGGCAATGTTTCTTTT
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TTTGAAGCATGTTGTAAGGAAAGAATACAACAGTTTGATGATGGTGGCTCTGATGAGGAA
GATATATGGGAGGAAAAGCACATCGCATTACACCAGAATCCCAAAGACGATCCAGCTCG
GGGAGTACAGACAGTGAAGAAAGTACAGACTCTGAAGAAGAAGATGGAGCAAAGCAAGAC
TTGTTTGAACCCAGCAGTGCCAACACGGAGGATAAAATGGAGGTGGACCTGAGTGAACCA
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TCTGTGGGATCTGATGTCTGGAGCACAGAGGAGCCGATGCCAACTAAAGAGACGGGCTGG
GCTTCTTTTTTTCAGAGTTCACGTCTTCCCTGAGCACAAAAGATTCTTTAAGGAGTAATTCT
CCAGTGGAAAATGGAAACCAGCACTGAACCCATGGACCCTCTGACTCCCAGTGCAGGCTGCC
CTGGCAGTGCAGCCAGAAGCGGCAGGCAGTGTGGCCATGGAAGCCAGCTCTGACGGAGAG
GAGGATGCAGAAAAGTACAGACAAGGTAAGTACTGAGACAGTGTGAATGGCGGCATGAAGGAA
ACGCTCAGCCTCACTGTAGATGCCAAGACAGAGACTGCGGTCTTCAAAGTGAAGGAAAGG
AAACTGTCTACCTCTCAAGATGCTGCTTGTAAAGACGCAGAGGAGTGTCCCGAGACTGCA
GAGGCGAAGTGCAGCGGCCAGGCCTCCAGCAGCAGTCCCAGCAGAGTGGTGTGGAG
ATTCCAGCACTCCAGGACAGTGGAGTCAAGCAG
    
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Restriction Sites: Please inquire

ACCN: NM_001164164

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_001164164.1</u> , <u>NP_001157636.1</u>
RefSeq Size:	3426 bp
RefSeq ORF:	2376 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 (3) uses an alternate in-frame splice site in the central coding region and lacks an alternate in-frame exon in the 3' coding region, compared to variant 1. The resulting isoform (3) lacks two internal segments, compared to isoform 1.</p>