

Product datasheet for **SC128188**

SAPS3 (PPP6R3) (NM_018312) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SAPS3 (PPP6R3) (NM_018312) Human Untagged Clone
Tag:	Tag Free
Symbol:	SAPS3
Synonyms:	C11orf23; PP6R3; SAP190; SAPL; SAPLa; SAPS3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_018312, the custom clone sequence may differ by one or more nucleotides

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ATGTTTTGGAAATTTGATCTTCACTCATCATCCCACATAGACACACTTCTAGAAAGAGAAGATGTAACAC
TGAAGGAGTTAATGGATGAGGAAGATGTTTTACAGGAATGTAAGCTCAGAACCAGCAACTTATAGAGTT
TCTGTTAAAAGCAGAATGTCTCGAAGATTTAGTCTCATTATTAGAAGAACCACCTCAAGACATGGAT
GAAAAGATCAGATACAAGTATCCAAATATATCTTGTGAGTTGCTCACTTCTGATGTCTCCAGATGAATG
ATAGACTGGGAGAAGATGAATCCTTGCTAATGAAATTATATAGCTTCTCCTAAACGATTCCCCTTTGAA
TCCACTACTTGCCAGTTTCTTCAGCAAGGTGCTAAGTATTCTTATCAGCAGAAAACCAGAACAGATTGTG
GATTTCTTAAAGAAGAAGCATGATTTTGTAGACCTTATTATAAAGCACATAGGAACCTTCTGCTATCATGG
ATTTGTTGCTCAGGCTCCTGACGTGTATCGAACCTCCACAGCCCAGGCAAGATGTGCTGAATTGGTTAAA
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GCATCACAAATCACTTTGTGAAATTTGTCGCTGAGCAGAGACCAGATGTTACAAATTCAGAACAGTACAG
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CAAGGAGAAAAATGAGTCAGCCATAGTCAGTGCATCCAGATATTGCTGACTTTACTTGAGACACGACGA
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GTGTTCTAGAAGCCATCAGAGGAAGACTTGGATCTTTTTCATGAACTCCTGCTGGAGCCACCAAGAACAT
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AGTCTTTTGA AAAACACAGAAAATGCCACAATTACCGATCAAGACTCCACTGGTGATAATTTGTTATTA
AACATCTTTTCCAAAAATGTCAATTAATAGAACGAATACTTGAAGCCTGGGAAATGAATGAGAAGAAACA
GGCTGAGGGAGGAAGACGGCATGGTACATGGGACACCTAACGAGGATAGCTAACTGTATCGTGACACAGC
ACTGACAAGGGCCCCAACAGTGCATTAGTGCAGCAGCTTATCAAAGATCTTCCCGACGAAGTCAGGGAAC
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TGATTATCAGATGCAACAAATGACGTCCAATTTTATTGACCAGTTTGGCTTCAACGATGAGAAGTTTGCA
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TGATGTCCAATGAAAACAACCCACGGTCTCCATTGGATTCTGTGGGATCTGATGTCTGGAGCACAGAG
GAGCCGATGCCAACTAAAGAGACGGGCTGGGCTCTTTTTTCAGAGTTCAGTCTTCCCTGAGCACAAAAG
ATTCTTTAAGGAGTAATTCTCCAGTGGAAATGGAAACCAGCACTGAACCCATGGACCTCTGACTCCCAG
TGCGGCTGCCCTGGCAGTGCAGCCAGAAGCGGCAGGCAGTGTGGCCATGGAAGCCAGCTCTGACGGAGAG
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TGCTGCTTGTAAAGACGCAGAGGAGTGTCCGAGACTGCAGAGGCGAAGTGGCGGCGCCAGGCCCTCCC
AGCAGCAGTCCCAGCAGAGGACTGGCCAACCAAGCGCACCAAGGTGACACTTCAGTGAATGGCCCTGTAT
GA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018312 unedited
 CCCCCATTCTCCCGCCCGTTGCCGCATTGGGCGGTAGGCGTGTACGGTGGGAGGTCTAT
 ATAAGCATTTCATTTAGGTGACACTATAGGGTACAGGCTACTTGTCTTTTTGACGCG
 GCCGGAATTCGGCACGAGGTGATGGTGTCCGGTACGCGGTTCCCGCCTGAGCGCAACT
 AGCGGCGGGTCTGGGCACCTCCAGGAGAGCTTGTTCATATCCATATCCCCTGTATTC
 CTGCTAATGTGGTAATGCAGTAAATTGGAGGAAAACCTGTACCAGGATAACCTGTAATGG
 GCAAGGAGCCACAAAGAAGAAAACATTTCTTTAATTTTTAAACTTGGTTTGAAAGACCA
 GCATGTTTTGAAAATTTGATCTTCACTCATCATCCACATAGACACACTTCTAGAAAAGAG
 AAGATGTAACACTGAAGGAGTTAATGGATGAGGAAGATGTTTTACAGGAATGTAAAGCTC
 AGAACCGCAAACCTATAGAGTTTCTGTTAAAAGCAGAATGTCTCGAAGATTTAGTCTCAT
 TCATTATAGAAGAACCACCTCAAGACATGGATGAAAAGATCAGATACAAGTATCCAAATA
 TATCTTGAGTTGCTCACTTCTGATGTCTCCAGATGAATGATAGACTGGGAGAAGATG
 AATCCTTGCTAATGAAATTATATAGCTTCTCCTAAACGATTCCCCTTTGAATCCACTAC
 TTGCCAGTTTCTCAGCAAGGTGCTAAGTATTCTATCAGCAGAAAACCAGAACAGATTG
 TGGATTTCTTAAAGAAGAGCATGATTTTGTAGACCTTATTATAAAGCACATAGGNAACTT
 CTGCTATCATGNNATTTGTGCTCAGGCTCCTGACGTGTATCGAACCTTCACAGCCG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018312 unedited
 GTGGGGTACAGGGAATGCCACACCAGATCTGTTTCATGAAAAGATTTTGAATACAGGCG
 TTGTATTGTAGACATCTGTTAGTCTCATAATTCAGTATGGCCAACACACAGAAATAAAA
 GTAGAAAACAAAATGAGGGCACACTTGCTCCTGCTCTGGCTTGGCCCTCCTACCTCCAA
 AAAAAGTGCCTACCCATTGTCATATCCGTTCCCTGCTACCAAAGACAAAAGAAAATGAT
 GCCGCGCTCAAAAAGTCCCAAAAGCTCTATCCCGCAGTCAGTGGCATGAAGCCAGACTCT
 GTTACCTAGGGTACAATGGAGAATCCACCAAGTTCATACCACCGTAGCCACCGTGGGATG
 GAGAAGCCACCAGGTCCATACCACCGTGGCCACGTATGCACCAAGCGCGAGCCAAACCTT
 GGCAAAGGCTGGGAAAAAATACCAAAAGCCGAGGCCACAGCATATTATCTACCAGTAAT
 CCCCAGGTGCAACGCCCTTTGAATCAGGGCTGGCCTTAAGCAACCCCGAGGGAACCCCTG
 CCCTCTGGGGTGTGCTTCTAAAGGAAGCCCTAAGGCCCTCTTTTTAAAGAGGGCCCTTA
 ACCTGGCAAAGGGGTTCTGAACAAGCGGGCAAGGGTTAAAGAAACCAACCCCTTGGC
 CCCGACCCATGGGGTTAGGGGTAACCTCCATAAAAACGGGGACTGCTGGAATCCTCCC
 CACCCCTTAAAATGCTCAAAAGTAATCTCCAGGTTACGGCATTTTAAACGTTTGAGATCTT
 TTATCCACCCCTTCCCTGGTATTCGTTTAAACCCCTTTCATTGGGAAGGA

Restriction Sites:

NotI-NotI

ACCN:

NM_018312

Insert Size:

5000 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:

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_018312.3](#), [NP_060782.2](#)

RefSeq Size: 4992 bp

RefSeq ORF: 4992 bp

Locus ID: 55291

UniProt ID: [Q5H9R7](#)

Cytogenetics: 11q13.2

Domains: SAPS

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 Brautigan, 2006 [PubMed 16769727]).[supplied by OMIM, Nov 2010]
Transcript Variant: This variant (5) includes an additional exon in the 5' UTR and lacks three alternate in-frame exons in the coding region, compared to variant 1. The resulting isoform (5) lacks three internal segments, compared to isoform 1.