

Product datasheet for **SC329226**

CFAP251 (NM_001178003) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CFAP251 (NM_001178003) Human Untagged Clone
Tag:	Tag Free
Symbol:	CFAP251
Synonyms:	CaM-IP4; SPGF33; WDR66
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_001178003, the custom clone sequence may differ by one or more nucleotides

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ATGTCAGATGCAGCAGAAGCTCCCCGAGAAGCAACAGGAGAAAATGGAGAAACAGAAATG
AAAGAAGAGGAGGAACCTAATCCAAATTATAAAGAAGTAGAAGATCCACAACAGGAATCA
AAAGATGACACAATAGCATGGAGAGAGTCTCAGGAGGAGGAGAGGAAAACGGGCGAGGAG
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CAAGAAGTCACAGCGTCCATGATCCGTTTGGAGACACAGATTACTGATTCCCAGTCAATC
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GAGGATGCAGAAACAGATGAGCTTTTAAGAGACCTGAGCACACAAATTGAATTTCTTGAT
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TTAGAAAAATGAAGCCAGAGCCTTTCAAATATCCAGAACCAGTGTGACTCATATAAGC
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TATGATGGCTGCTACGCCTTCACTGCGGAGGGACGATCGCTCGGTGGTGCAGTGGAAA
ATCACCTTAAGCCATCCTGGGAGCCAGGCACCAATATTATCCCCATCAGACACATCAAGA
AGCTAA

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Restriction Sites: Please inquire

ACCN:	NM_001178003
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:	<u>NM_001178003.1, NP_001171474.1</u>
RefSeq Size:	3470 bp
RefSeq ORF:	2826 bp
Locus ID:	144406
UniProt ID:	<u>Q8TBY9</u>
Cytogenetics:	12q24.31
Gene Summary:	This protein encoded by this gene belongs to the WD repeat-containing family of proteins, which function in the formation of protein-protein complexes in a variety of biological pathways. This family member appears to function in the determination of mean platelet volume (MPV), and polymorphisms in this gene have been associated with variance in MPV. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2011] Transcript Variant: This variant (2) differs in the 3' UTR and 3' coding region, compared to variant 1. The resulting protein (isoform 2) has a distinct C-terminus and is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.