

Product datasheet for **SC333140**

C6ORF182 (CEP57L1) (NM_001271853) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C6ORF182 (CEP57L1) (NM_001271853) Human Untagged Clone
Tag: Tag Free
Symbol: C6ORF182
Synonyms: bA487F23.2; C6orf182; cep57R
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC333140 representing NM_001271853.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGATTCTGAATTAATGCATAGTATAGTAGGAAGCTATCATAAACCTCCAGAAAGAGTATTTGTTCCC
TCATTCACCCAGAATGAACCATCTCAGAATTGCCATCCTGCAAACCTAGAAGTTACCTCTCCTAAGATA
CTTCATAGCCCAATAGCCAAGCTCTTATTTTAGCCTTAAAACTCTTCAGGAAAAAATTCATCGTTTA
GAGCTGGAGAGAACACAAGCTGAAGATAACCTGAACATTCTTTCCAGAGAAGCAGCACAGTATAAGAAG
GCCTTAGAGAATGAAACAAATGAGAGAAATCTGGCACACCAGGAGCTGATAAAGCAGAAAAAAGATATA
AGTATACAGTTAAGCTCAGCCCAGTCTCGTTGACTCTTCTAGAGAAGCAACTAGAATATACAAAGAGA
ATGTTTCTCAACGTAGAGCGAGAAAAGAACATGATCCTAGAACAACAGGCCAGCTTCAGAGGGAAAAA
GAACAAGATCAGATGAAGCTGTATGCAAACTGAAAAGCTTGATGTCTTAGAAAAAGAGTGTTCAGA
CTTACAACAACCTCAGAAAAGTGTGAGGACAAGATTAACATTTAGAAGAAAACTTAAGGAAGAAGAA
CATCAGCGTAAGCTATTTCAAGACAAAGCTTCTGAGCTTCAAACCTGGACTTGAATCAGTAAAAATTATA
ATGTCTTCAGTTTCAAATCTAAAGCACTCCAAGGAAAAGAAGAAATCTTCAAAGAAAACTAAATGTATA
AAGAGACGACCACCTTGGCAAATTTGTTCAAAGTTTGGAGCACTGCCTTTTGTGGCTGAAAAGATGAGG
CAACATCGTGACCCACATATCCTTCAGAAACCTTTAACGTGACTGAGACTAGATGTCTCCCAAGCCT
TCTAGAACAACCTCCTGGTGTAAAGCTATTCCTCCTGACTCAGAAAAGTCCATTTCCATTTGTGACAAT
TTATCTGAACTTTTGTGGCAATGCAAGATGAGCTGGACCAAATGAGCATGGAGCACCAAGAAGACTG
AAACAAATGAAGGAACTGAAAGTCATTAGTCTGTGACGACATAGAATGTGAACTAGAGTGTTTACTC
AAGAAAATGGAATTAAGGAGAACAACTCCAACTGAAGAAGCATCAAGACAGTGTAAAGAGCTT
TAG
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Restriction Sites: SgfI-MluI
ACCN: NM_001271853
Insert Size: 1176 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).



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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_001271853.1</u>
RefSeq Size:	2765 bp
RefSeq ORF:	1176 bp
Locus ID:	285753
UniProt ID:	<u>Q8IYX8</u>
Cytogenetics:	6q21
MW:	45.6 kDa
Gene Summary:	<p>Centrosomal protein which may be required for microtubule attachment to centrosomes. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR and uses an alternate splice site in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>