

Product datasheet for **SC334580**

CYB561D2 (NM_001291284) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CYB561D2 (NM_001291284) Human Untagged Clone
Tag:	Tag Free
Symbol:	CYB561D2
Synonyms:	101F6; TSP10; XXcos-LUCA11.4
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001291284, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCTTTCTGCGGAGACCGAGTCACACATCTACCGAGCTCTGCGTACTGCTTCTGGCGCTGCCGCC  
ACCTTGTGGCCCTGGGCTTACCATCTTTGTGGCTGTGCTTGCCAGGCCTGGCTCCAGCCTGTTCTCCTG  
GCACCCGGTGCTTATGTCTTTGGCTTTCTCCTTCTGATGACCGAGGCACTACTGGTGTCTTCTCCTGAG  
AGTTTCGCTGCTGCACTCCCTCTCACGAAAGGCCGAGCAGCTGCCACTGGGTGCTGCAGCTGCTGGCC  
TGCTGTGTGCACTGCTGGGCCTCGGCCTTGTATCCTCCACAAAGAGCAGCTTGGCAAAGCCACCTGGT  
TACGCGGCATGGGCAGGCAGGGCTGCTGGCTGTGCTGTGGGCAGGGCTGCAGTGCCTCAGTTGGGTGGG  
CTGCTCTACCCCAAGCTGCTGCCCGATGGCCCTGGCGAAGCTCAAGCTATACCATGCTACTTCTGGG  
TGGTGGGCTACCTGCTGGGTAGTGCCAGCCTCTTGTGGGCATGTGCTCACTCTGGTTCACTGCCTCTGT  
CACTGGTGCAGCCTGGTACCTGGCTGTATTATGCCCTGTCTCACCAGCTTGGTCATTATGAACCAGGTG  
AGCAATGCCTACCTATACCGCAAGAGGATCCAACCATGA
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001291284
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).



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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_001291284.1](#), [NP_001278213.1](#)

RefSeq Size: 1348 bp

RefSeq ORF: 669 bp

Locus ID: 11068

UniProt ID: [O14569](#)

Cytogenetics: 3p21.31

Protein Families: Druggable Genome, Transmembrane

Gene Summary: Two-heme-containing cytochrome that catalyzes ascorbate-dependent trans-membrane ferric-chelate reduction.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) uses an alternate splice site in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the protein.