

Product datasheet for **SC125677**

CYB561D2 (BC047691) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CYB561D2 (BC047691) Human Untagged Clone
Tag: Tag Free
Symbol: CYB561D2
Synonyms: 101F6; cytochrome b-561 domain containing 2; putative tumor suppressor 101F6; TSP10
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for BC047691 edited

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GTCGCACCCGGAAGTAAAGCGGCTCCGTGACGGAGCGGCGGTGCGCGCGGCAAGGCCCGG
AGTATCCCGCTTTCTTTGGAGGAAACCACCGCATCAGATCTGCGCTGCGGAGAGGCAGC
CTTTTCTCCAGTGAGGAGTGAACAGTGGGCACCTGAGATCCTGGCCCACGCTACTATGCT
TTCAGGCTACAACCACTAGCACGGCTGACGATGGCCCTTTCTGCGGAGACCGAGTCACAC
ATCTACCGAGCTCTGCGTACTGCTTCTGGCGCTGCCGCCACCTTGTGGCCCTGGGCTTT
ACCATCTTTGGGCTGTGCTTGGCAGGCCTGGCTCCAGCCTGTTCTCCTGGCACCCGGTG
CTTATGTCTTTGGCTTTCTCCTTCTGATGACCGAGGCACTACTGGTGTTCCTCCTGAG
AGTTCGCTGCTGCACTCCCTCTCACGAAAGGCCGAGCAGCTGCCACTGGGTGCTGCAG
CTGCTGGCCCTGCTGTGTGCACTGCTGGCCTCGGCTTGTATCCTCCACAAAGAGCAG
CTTGGCAAAGCCACCTGGTTACGCGGCATGGGCAGGCAGGGCTGCTGGCTGTGCTGTGG
GCAGGGCTGCAGTGCTCAGGTGGGGTGGGGCTGCTTACCCCAAGCTGCTGCCCGATGG
CCCCTGGCGAAGCTCAAGCTATACCATGCTACTTCTGGGCTGGTGGGCTACCTGCTGGGT
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GCCTGGTACCTGGCTGTATTATGCCCTGTCTCACCAGCTTGGTCATTATGAACCAGGTG
AGCAATGCCTACCTATACCGCAAGAGGATCCAACCATGAGCTCTCCAGCCTAGGGGAA
GCCTGGATTTGCCCTCCATGTAGGAGCTGGGCCTAGGGACCTGTGAACCTCTCAGCT
GAGTCAGGGGACACCTCAGGCACTGGGACAGTTGGGCATTTGGAGGCCCGTGTGTGAATT
CCTGCTCCTCATGCTGGAGTGCCTCCCATTTCTTCCCCTTTCTGTCATCCCAGAGGA
ACATAGGCATCATGTGTCTGGATGAAGCTGGGGCTGCAAGACTGCCTCTCCTGCAAGGCA
GCTCATACTTGTACTGTATGTTCCAGAAATTTAGGAGAGAAAAAAGTAAAAAATTTGTA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC047691 unedited NGGGTCAAAATTGTATACGACTCACTATAGGCGGCCGGAATCAAATCTGGTACCGGTCC GGAATTCGCGGATATCGTCGACCCACGCGTCCGGTCGCACCCGGAAGTAAAGCGGCTCC GTGACGGAGCGCGGTGCGCGCGCAGGGCCCGGAGTATCCCGCTTTCTTTGGAGGAAAC CACCGCATCAGATCTGCGCTGCGGCAGAGGCAGCCTTTTCTCCAGTGAGGAGTGAACAGT GGGCACCTGAGATCCTGGCCACGCTACTATGCTTTCAGGCTACAACCACTAGCACGGCT GACGATGGCCCTTTCTGCGGAGACCGAGTCACACATCTACCGAGCTCTGCGTACTGCTTC TGGCGCTGCCGCCACCTTGTGGCCCTGGGCTTTACCATCTTTGTGGCTGTGCTTGCCAG GCCTGGCTCCAGCCTGTTCTCCTGGCACCCGGTCTTATGTCTTTGGCTTTCTCCTTCT GATGACCGAGGCACTACTGGTGTTTTCTCCTGAGAGTTCGCTGCTGCACTCCCTCTCACG GAAAGGCCGAGCAGCTGCCACTGGGTGCTGCAGCTGCTGGCCCTGCTGTGTGCACTGCT GGGCCTCGGCCTTGTATCCTCCACAAAGAGCAGCTTGGCAAAGCCACCTGGTTACGCG GCATGGGAGGCAGGGCTGCTGGCTGTGCTGTGGCAGGGCTGCAGTCTCAGTGGGGGT GGGGCTGCTTACCCCAAGCTGCTGCCCGATGGCCCTGGCGAAGCTCAAGCTATACCA TGCTACTTCTGGGCTGGTGGGCTACCTGCTGGGTAGTGCAGCCTCTTGCTGGGCATGTG CTCACTCTGGTCACTGCCTCTGTCACTGGTGCAGCCTGGTACCTGGCTGTATTATGCC
Restriction Sites:	NotI-NotI
ACCN:	BC047691
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:	<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>BC047691.1</u> , <u>AAH47691.1</u>
RefSeq Size:	1243 bp
Locus ID:	11068
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]