

Product datasheet for SC321815

CYB561D2 (NM_007022) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CYB561D2 (NM_007022) Human Untagged Clone
Tag: Tag Free
Symbol: CYB561D2
Synonyms: 101F6; TSP10; XXcos-LUCA11.4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_007022 edited
 CCGGGATATCGTCGACCCACGCGTCCGGTCGCACCCGGAAGTAAAGCGGCTCCGTGACGG
 AGCGGCGGTGCGCGCGGCAGGGCCCGGAGTATCCCGCTTCTTTGGAGGAAACCACCGCA
 TCAGATCTGCGCTGCGGCAGAGGCAGCCTTTTCTCCAGTGAGGAGTGAACAGTGGGCACC
 TGAGATCTGGCCACGCTACTATGCTTTCAGGCTACAACCACTAGCACGGCTGACGATG
 GCCCTTCTGCGGAGACCGAGTACACATCTACCGAGCTGCGTACTGCTTCTGGCGCT
 GCCGCCACCTTGTGGCCTGGGCTTACCATCTTGTGGCTGTGCTTCCAGGCCTGGC
 TCCAGCCTGTTCTCCTGGCACCCGGTGCTTATGTCTTTGGCTTCTCCTTCTGATGACC
 GAGGCACTACTGGTGTCTTCTCCTGAGAGTTCGCTGCTGCACTCCCTCTCACGAAAGGC
 CGAGCACGCTGCCACTGGGTGCTGCAGTGTGGCCCTGCTGTGTGCACTGCTGGGCCTC
 GGCCTTGTATCCTCCACAAAGAGCAGCTTGGCAAAGCCACCTGTTACGCGGCATGGG
 CAGGCAGGGCTGCTGGCTGTGTGGCAGGGCTGCAGTGTGCTCAGGTGGGGTGGGGCTG
 CTCTACCCCAAGCTGCTGCCCGATGGCCCTGGCGAAGCTCAAGCTATACCATGCTACT
 TCTGGGCTGGTGGGTACCTGCTGGGTAGTGCCAGCCTTTGCTGGGCATGTGCTCACTC
 TGGTTCACCTGCTGTCACTGGTGCAGCCTGGTACCTGGCTGTATTATGCCCTGTCCCTC
 ACCAGCTTGGTCATTATGAACCAGGTGAGCAATGCCTACCTATACCGCAAGAGGATCCAA
 CCATGAGCTCTTCCAGCCTAGGGGAAGCCTGGATTTGCCCTCCATGTAGGAGCTGGGC
 CTAGGGACCTGTTGAACTCTCTCAGCTGAGTCAAGGGACACCTCAGGCACTGGGACAGTT
 GGGCATTGGAGGCCCGTGTGAATTCCTGCTCCTCATGCTGGAGTGCCTCCCATTTCC
 TTCCCCTTCTCTGTATCCAGAGGAACATAGGCATCATGTGTCTGGATGAAGCTGGGG
 CTGCAAGACTGCCTCTCCTGCAAGGCAGCTCATACTTGTACTGTATGTTAGAAATTTTA
 GGAGAGAAAAAAGTAAAAATTTGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_007022



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Insert Size:	1270 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).
OTI Annotation:	The open reading frame of this clone has been fully sequenced and found to be a perfect match to the protein associated with this reference, NM_007022.3.
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:	NM_007022.3 , NP_008953.1
RefSeq Size:	1243 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 (1) represents the longest transcript. Variants 1 and 2 encode the protein.