

Product datasheet for **SC302070**

CYB561 (NM_001017917) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CYB561 (NM_001017917) Human Untagged Clone
Tag:	Tag Free
Symbol:	CYB561
Synonyms:	CYB561A1; FRRS2; ORTHYP2
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001017917, the custom clone sequence may differ by one or more nucleotides ATGGAGGGCGGGGCCGCGGCAGCCACCCACAGCACTGCCTTACTACGTGGCCTTCTCC CAGCTGCTGGGCTGACCTTGGTGGCCATGACCGGCGCGTGGCTCGGGCTGTACCGAGGC GGCATTGCTGGGAGAGCGACCTGCAGTTCAACGCGCACCCCTCTGCATGGTCATAGGC CTGATCTTCTGCAGGAAATGCCCTGCTGGTTTACCGTGTCTTCAGGAACGAAGCTAAA CGCACCACCAAGGTCCTGCACGGGCTGCTGCACATCTTTGCGCTCGTCATCGCCCTGGTT GGCTTGGTGGCGGTGTTGACTACCACAGGAAGAAGGGCTACGCTGACCTGTACAGCCTA CACAGCTGGTGGGGATCCTTGTCTTTGTCTGTACTTTGTGCAGTGGCTGGTGGGCTTC AGCTTCTTCTGTTCCTCGGAGCTTCATTCTCCCTGCGGAGCCGCTACCGCCACAGCAC ATCTTCTTTGGTGTACCATCTTCTCCTTTCCGTGGGCACCGCCCTGCTGGGCCTGAAG GAGGCACTGCTGTTCAACCTCGGGGCAAGTATAGCGCATTTGAGCCCGAGGGTGTCTGT GCCAACGTGCTGGGCTGCTGCTGGCCTGCTTCGGTGGGGCGGTGCTCTACATCTTGACC CGGGCCGACTGGAAGCGGCTTCCCAGGCGGAAGAGCAGGCCCTCTCCATGGACTTCAAG ACGCTGACGGAGGGAGATAGCCCCGGCTCCCAGTGA
Restriction Sites:	Please inquire
ACCN:	NM_001017917
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).



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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_001017917.1](#), [NP_001017917.1](#)

RefSeq Size: 3006 bp

RefSeq ORF: 756 bp

Locus ID: 1534

UniProt ID: [P49447](#)

Cytogenetics: 17q23.3

Protein Families: Transmembrane

Gene Summary: Secretory vesicle-specific electron transport protein.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1-3 encode the same isoform (1).