

Product datasheet for **SC112713**

CYB561 (NM_001915) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CYB561 (NM_001915) Human Untagged Clone
Tag:	Tag Free
Symbol:	CYB561
Synonyms:	CYB561A1; FRRS2; ORTHYP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112713 sequence for NM_001915 edited (data generated by NextGen Sequencing)

```
ATGGAGGGCGGGCCGCGCAGCCACCCACAGCACTGCCTTACTACGTGGCCTTCTCC
CAGCTGCTGGGCCTGACCTTGGTGGCCATGACCGCGCGTGGCTCGGGCTGTACCGAGGC
GGCATTGCCTGGGAGAGCGACCTGCAGTTCAACGCGCACCCCTCTGCATGGTCATAGGC
CTGATCTTCTGCAGGAAATGCCCTGCTGGTTTACCGTGTCTTCAGGAACGAAGCTAAA
CGCACCACCAAGGTCTGCACGGGCTGCTGCACATCTTTGCGCTCGTCATCGCCCTGGTT
GGCTTGGTGGCGGTGTTGACTACCACAGGAAGAAGGGCTACGCTGACCTGTACAGCCTA
CACAGCTGGTGCGGGATCCTTGTCTTTGTCTGTACTTTGTGCACTGGCTGGTGGCTTC
AGCTTCTTCTGTTCCTCGGAGCTTCATTCTCCCTGCGGAGCCGCTACCGCCACAGCAC
ATCTTCTTGGTGTACCATCTTCTCCTTTCCGTGGGCACCGCCCTGCTGGGCCTGAAG
GAGGCACTGCTGTCAACCTCGGGGCAAGTATAGCGCATTTGAGCCCGAGGGTGTCTCTG
GCCAACGTGCTGGCCTGCTGCTGGCCTGCTTCGGTGGGCGGGTCTCTACATCTTGACC
CGGGCCGACTGGAAGCGGCCTTCCAGGCGGAAGAGCAGGCCCTCTCCATGGACTTCAAG
ACGCTGACGGAGGGAGATAGCCCGGCTCCCACTGA
```

Clone variation with respect to NM_001915.3



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_001915 unedited NTTGTGCAAAATTTGTATACGACTCACTATAGGCGGCCGCAATCGGCACGAGGGCGCGGC GCGGGGAGGCTGAAGGGACGCTCGGCGTTTGCCTCAGCATGGAGGGCGGGCCGCGGCAG CCACCCACACAGCACTGCCTTACTACGTGGCCTTCTCCAGCTGCTGGGCCTGACCTTGG TGGCCATGACCGGCGCGTGGCTCGGGCTGTACCGAGGCGGCATTGCTGGGAGAGCGACC TGCAGTTCAACGCGCACCCCTCTGCATGGTCATAGGCCTGATCTTCTGCAGGGAATG CCCTGCTGGTTTACCGTGTCTTCAGGAACGAAGCTAAACGCACCACCAAGTCTGCACG GGCTGCTGCACATCTTTGCGCTCGTCATCGCCCTGGTTGGCTTGGTGGCGGTGTTGACT ACCACAGGAAGAAGGGCTACGCTGACCTGTACAGCCTACACAGCTGGTGCGGGATCCTTG TCTTTGCTGTACTTTGTGCACTGGCTGGTGGGCTTCAGCTTCTTCTGTTCCCGGAG CTTTACTTCCCTGCGGAGCCGCTACCGCCACAGCACATCTTCTTGGTGTACCATCT TCCTCCTTCCGTGGGACCGCCCTGCTGGGCCTGAAGGAGGCACTGCTGTTCAACTCG GNGGCAAGTATAGCGCATTTGAGCCGAGGGTGTCTGGCCAACGTGCTGGGCCTGCTGC TGGCCTGCTTCGGTGGGCGGTGCTCTACATCTTGACCCGGGCCACTGGAAGCGGCCTT CCCAGCGGAAGAGCANGCCCTTCCATGACTTCAAGACGCTGACGGAGGAGNAGATAGC CCNNGCTCCAGTGATGCGCCCGCCGCCCTGGGGTTTNNCGGGGTGCTTCTGCCTGCC CTGCTA</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_001915 unedited NGGGGGAANNNNNNNNNTTTNNNNNAAAANAATCTTGNACCCGGCCGATTCTANGAT CGAGTTTTTTTTTTTTTTTTTCTGCGTGTAACTTTATTGAATCATCTGTTGCACCAAC AGCACATTGTATTTACAGAAGATTGGCCACAGGCAAAAATAAAATAACCCACCACAAATC CGCTTCTGGGGCCCTTTCAGCTCCTTAGTCATCCAGTGTTCACCTTTGGCAAACAGACC AGTTTACAGACTTTTGTGCAAATCTAAGGTTCCATTTCTCTGTAGCATTCCGGCTAG AGAGAGACACGATTGTACTTTGGTAGTTTGTCTAAGGCGGAGTTTTCCACATGTAACA TTTCACTATAAAGTGTGTGCCAGCTGATTGAAGAACTGACGGCACCCCTACCCCTGAAG AGTGTACAGTCTAAACAGGAGGCGAACACTGTCATCCGGACAGGCTGAGAGGAGGCGGGG AAAGGGGCTCGAAGGAGCCTGNGCAGACCCTGCTGGGGAGGGGCTGGACTACAACCACC TGCTCCAGAATGACACTGCCTGANGCAGGAGACACAGCANAAGCCAATATGGGAAATC TGAGCATTAGAGGAGACTGGCCCTNTCTCTAAGACGGNCTCANGTANGAAAAGGGCAGC CATTTACAGAAGAAGAGTCGTGAGTTTTGAAAAGTGTATATTAAGCCCTTCACTGAAG TACANCCAGTGTCTGTGTGTCTTCAAGCTAAGCCATGNCTTCTCAAACAACCCAAAA GAAAGGAAAAACCGGAGAGAACCAAGTCCCAAATCCCAGAAGCACATGATCGGGGTT CCTTTTTTTTTTCTTTTTGAGCCCTGCCGCCAGGCTTGAATGCAATTTAACTTACTGG AAGCGCCATTTCCGGGTTAAACCCATCTCCTNGCTCAGCCTTCCAATAACTGGGACTAC AGGGGCCACCACCCCTGGCTAATTTTTTTGTATTTTATAAAAACGGTTTTTCACTGG TTGTTATCCAGA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_001915
Insert Size:	3090 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).
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_001915.3 , NP_001906.3
RefSeq Size:	3003 bp
RefSeq ORF:	756 bp
Locus ID:	1534
UniProt ID:	P49447
Cytogenetics:	17q23.3
Domains:	Cytochrome_B561, B561
Protein Families:	Transmembrane
Gene Summary:	Secretory vesicle-specific electron transport protein.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the shortest transcript. Variants 1-3 encode the same isoform (1).