

Product datasheet for **MC200402**

Cyb561 (NM_007805) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyb561 (NM_007805) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyb561
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC006732 sequence for NM_007805
 GCCGAGGCTCGTGAACCTGCCGAGCGTCCGGGGCGCGCGCGTGGACGCGCGCAGGCCTGGCGGCGGCG
 GGACAAGCTGGGGTCTCAGAATGGAGCACAGTTCTGCGTCTGTCCCTGCTGCACTGCCGTAATGTGGC
 CTTCTCCCAGTCTGCTGGCCTCACTGTAGTGGCTGTGACTGGTGGCTGGTGGTCTGTACCGAGGTGGC
 ATTGCCTGGGAAAGCTCCCTGCAGTTAATGTGCACCCGCTCTGCATGGTCATAGGCATGATCTTCCTTC
 AAGGAGATGCTCTGCTGGTGTACCGTGTCTTCAGAAGAGAAGCCAAACGCACGACCAAGATCTTGCATGG
 GCTGCTGCACGTCTTCGCTTTCATCATCGCCCTGGTGGGTTGGTGGCTGTGTTCCGACTACCACAAGAAG
 AAGGGCTATGCAGACCTGTACAGCTTGACAGCTGGTGTGGGATCTTAGTCTTTGTTCTGTACTTTGTGC
 AGTGGCTCGTGGGTTTACGCTTCTTCTGTTCCTGGAGCTTATTCTCTCTGCGGAGCCGCTACCGCCC
 TCAGCACATTTTCTTTGGTGCCACCATCTTCTTCTGTGGGCACAGCCCTACTGGGCTGAAGGAG
 GCCCTGTGTTAAATTGGGGTCCAAGTACAGCACGTTTGAACCTGAGGGGGTGTGGCCAACTGCTAG
 GCTTGCTGCTGGTCTGTTTTGGGGTGGTGTGCTTACATCTGGCTCAGGCTGACTGGAAGCGGCCTTC
 CCAGGCTGAAGAGCAAGCCCTCCATGGACTTCAAGACACTCACGGAGGAGACAGCCCCAGTCCCCAG
 TGATCGCCCTCCTGTCTTGGCTCTGTGGGTTCCAGATATCTTTTGTCTTCCCTGCAGACTG
 AGTCTCTTAGGTCAGGAGTGTGAGTGTGGGCTGTGTTGTTAGTTTAGTGGGGTCCAGGCTTTGGAGT
 TGTCTCAGTCTCCCTTCTCCCTTCCCTCTCTGAGCTTTTGATACATCTGTGAGCCCTGAGTAGGCT
 CTGTCTGCCTGTACCCGCTGTTGTCGTTACGTGCAGAAAGCTTGGTTAGGGGATCTGGGGTCAAGCCT
 GGCCCTGATCCCTATTGGAGCTAGACAATAGTCCGCCCTCCATGCAGCAGATGGCTGCTGGGCTGGGC
 CTGAGGGACTGGCATGGAGAAGTACAGCCGCTGCTTTGTGTATTCAACCCAGGAGTTCAGCAGCTTGGG
 AAGCATGTGCTCTGGCAGTAGACAAGTATATGTGTAAAAATGCTGGTGTTCAGAGGAAGGCTC
 CCCAGAAAGTTGACTCTGGCTCCCAAAGGAGCCTTGGCGTGTGGGTTGGCTACAGTCTTTAGGCCCTTC
 TGTCTTTTAAAAATCCCTGATCATTAAATAGGCTTTTCGTGGGAAGGGGATTAGTGATCAAACTCAGG
 TAAATACCTGCCCTGGTGGAGGAGGGCAGGCTGCTTGTACAGTGAAGGGCTGCCCTGGCAGGTAACCTC
 CCTTCAGCAGGGCTAAGCCCTAGCTTCCCTTCTGCGGGCCAGCCTGGGCAGACTCTGAGAGTGGGAGGCC
 ACACCTCCGAGTTTTTGAAGAGGGCTGCTGTTTGCCTTGTCTCCAGGGGGCTGCTGGGGTACCTG
 GCTTGGGGTCCCTGTCTTGGTTGAAGCAGCCCTGAGGGATCATGGTCTCCAGCCCTGGGTCCATCAT
 CGCTGGACAGTAGGACTGAAGTGAAGAGAGGAACGGGATTGGTCTCCTGCACCTAGCTTCAACCCCTA
 CTGCCTGTTGCGTTGTTAGCTGAGTCACTGTTGGCTTGGTCTAGAGATATTGGGATTAGAGCACTGAT
 CTTGATTTCTCTGGCTTGGCACATGCTCTTCTTGTCTTCTTCTCGGGTTTAAAGCCTCACAGTTT
 GTGACACACATGGTTAAGTGTAGGAGAAATGAATGGTTTCTGAACCTGGCAGTCTTTAAGTCACTAGG
 CTGGTTTTCTCTGTCAGATTTCTAATAACTGCGTGGGCCCTGCTTCTGGTGAAGTCTCTTCCCCAGCTG
 TGGTGTAGCTCTCCTGATGCTCCCTCACCTTCCCTCCCGTCTCTCCACTTGCTAGGATGGTGAAGTT
 TGCTCCAGTTCCAAGTGTATATGCTGTAAAGGCTAGGGAATCTTAGGAGTCTGTGCGTGGTTGGCACAC
 TTGTACAGTCAAGTGTTTACATTTGGGCGACTCGGCCTTAGACAACTCACGAGTACCATTTGAGTCTC
 CCTTGCCAGACTACAGAGAATTAGAAGTTAGGCTGCAATGAGAGTCTGTAAGTCTTTTGGCA
 AAGTGTATGATACATGACTAAGGACCAAGAAAGCCCAAGCAGATGTCTGTGGTTCTTCTGTCTCTT
 CTGTCTCTGTGACGTACAGTGTGTTGGTGAACAGAGGAATCAATAAATGTCTACAGCTGACAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_007805

Insert Size: 753 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:

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: [BC006732](#), [AAH06732](#)

RefSeq Size: 2544 bp

RefSeq ORF: 753 bp

Locus ID: 13056

UniProt ID: [Q60720](#)

Cytogenetics: 11 68.81 cM

Gene Summary: Secretory vesicle-specific electron transport protein.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 both encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.