

Product datasheet for **MC204508**

Cyb561d2 (NM_019720) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cyb561d2 (NM_019720) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cyb561d2
Synonyms: AW049681; Tsp10
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC027212
 CCGTAACGGAGCGGTGGCGGGCTGGCGGGCCGAGGGTCCAGTTTATTTGGAGGAAGTCACTGCGTCCG
 AACCTGAGAAGCAGGCTGTGCAGCTATCGGCTGGGCTGACCATGGCCCTTCTGTGGAGACGGAGTCGCA
 TATCTACCGAGCTCTGCGCACTGCCTCTGGGGCTGCAGCCACCTCGTGGCGTTAGGCTTTACCATCTTT
 GTTGCTGTGCTTGCCAGACCTGGCTCCAGTCTGTTCTCCTGGCACCCCGTTCTTATGTCTCTGGCTTTCT
 CCTTCTGATGACCGAGGCACTCCTGATGTTCTCTCCTGAGAGTCCCTGCTGCGGTCCCTCTCTCGGAA
 GGTCCGCGCACGCTGCCACTGGGTGCTCCAGTCTGCTGGCCCTACTCTGTGCTCTGCTGGGCTAGGTCTT
 GTCATCTCCACAAGAGCAGCTTGGCAAAGCACACCTGACCACTCGGCATGGGCAGGCAGGGCTGTTAG
 CTGTGCTGTGGGCAGGTCTGCAGTGTTCAGGGGCATGGGGCTGCTCTACCCCAAGTTGCTGCCCGATG
 GCCCTGGCAAAGTTGAAACTCTACCACGCCACTTCTGGGTTGGTGGGCTACCTGCTGGGCAGTCCAGC
 CTCTGTTGGGCATGTTCTCACTCTGGTCACTGCCACTGTCACCTGGTGGTGCCTGGTACCTGGCTGTGT
 TGTGCCCATCCTCACCAGTTTGGTAATCATGAACCAAGTGAGCAATGCCTACCTGTACCGCAAGAGGAT
 CCAGCCATGAGCACTCACCAGTTATTACGAAGGCTGGATTTGCACCTCAGCTTCGGACCAGGAGCTCGGA
 ACCTGTTGGACTCTCACAAGTACAGGGTCTGGGGACATTTACAGGGACTAGGGCACTCAGGGGTAGATCT
 CCTCAGACTAGAGTGTCTCCCTTTCTTGTGTCAACCCAGGGGAGCATGGTCATGTGTCTGGGTGAAGT
 TGGAGTTGCAACAGTCTCCCCAGCAGCCATACAGCTTATATTTGTACTGGTATGTCCAGAAATCATGGAG
 GAAAGAAAAGTAAAATAAACAAACAGAATCCTGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_019720

Insert Size: 669 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).



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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>BC027212</u> , <u>AAH27212</u>
RefSeq Size:	1098 bp
RefSeq ORF:	669 bp
Locus ID:	56368
UniProt ID:	<u>Q9WUE3</u>
Cytogenetics:	9 F1
Gene Summary:	<p>Two-heme-containing cytochrome that catalyzes ascorbate-dependent trans-membrane ferric-chelate reduction.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Variants 1 and 2 both encode the same isoform (a). 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.</p>