

Product datasheet for MC207256

Cyba (NM_007806) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cyba (NM_007806) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cyba
Synonyms: b558; nmf333; p22-phox; p22phox
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207256 representing NM_007806
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGCAGATCGAGTGGGCCATGTGGGCCAACGAACAGGCGCTGGCGTCTGGCCTGATTCTCATCACTG
 GGGGCATCGTGGCTACTGCTGGACGTTTTACACAGTGGTATTTTCGGCGCCTACTCTATCGCTGCAGGTGT
 GCTCATCTGTCTGCTGGAGTATCCCGGGGAAAGAGGAAAAAGGGGTCCACCATGGAGCGATGTGGACAG
 AAGTACCTGACCTCTGTGGTGAAGCTTTTCGGGCCCTCACCAGGAATTACTACGTCCGGGCTGCCCTCC
 ACTTCCTGTTGTGCGGTGCCTGCAGGCTTCTCCTGGCCACCATCCTGGGACCGTCTGCTTGGCCATTGC
 CAGTGTGATCTATCTGCTGGCAGCCATCCGAGGTGAGCAGTGGACTCCCATTGAGCCTAAACCCAAGGAG
 CGGCCACAGGTTGGAGGCACCATCAAGCAACCCTACCAACCCCCACCCCGGCCACCCGAGAGGTCC
 GAAAGAAGCCGAGTGAGGGTGAAGAGGAGGCAGCCTCAGCTGGAGGACCCAGGTTAACCCAATGCCAGT
 GACAGATGAGGTCGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_007806
Insert Size: 579 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>NM_007806.3, NP_031832.2</u>
RefSeq Size:	764 bp
RefSeq ORF:	579 bp
Locus ID:	13057
UniProt ID:	<u>Q61462</u>
Cytogenetics:	8 E1
Gene Summary:	<p>Critical component of the membrane-bound oxidase of phagocytes that generates superoxide. Associates with NOX3 to form a functional NADPH oxidase constitutively generating superoxide.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>