

Product datasheet for **MG202736**

Cyb5d1 (BC099556) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyb5d1 (BC099556) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cyb5d1
Synonyms:	Gm740
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG202736 representing BC099556 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGCGCCGGGGCCTAGTAGCCGGGCCAGACTTGGATAATTTCAACGTCGGTATTTACGCCGTCAG
AAGTAGCGGAACACAACCAGCTCGAGGACCTATGGGTGTCTTACCTGGGATTTGTTTACAATCTAACACC
GCTTGTGAGGAATTCAAAGGGGACCTACTGTTGAAACCCATCCTGGAGGTCGAGGCCAGGACATAAGT
CACTGGTTTGATCCACAGACTAGAGACATTCGCAAGCATATAGATCCACTCACTGGTTGCATGAGATACC
GTACCCCGCGGGCCGCTTCGTACATATCCCGCCGCCACTGCCCGTTCAGATTGGGCAATGATTTCCG
AGTACCCTGGTGAAGGGGGCAAATTACCAGGTGGGACGACTGTCTGCTCGGACCCGGAACATCCGTATT
ATTAACACTCTTGCAACGCAGGAGCACACACTGCAGGTGGGGGCTCAGGAATCAATGTGGGAAATCCTAC
ACCGCTATCTCCCTATAATGCACATGCTGCCAGCTACACATGGAAATACGATGGGAAGAATTTGAACAT
GGATCAAACCCTGGAAGAAAACGGGATCCGGGATGAGGAAGAAGAGTTTGACTATCTTAACATGGATGGT
AAACTTCACACCTGCAATACTGCTCTACTTCAATGATGACCTCACAGAGCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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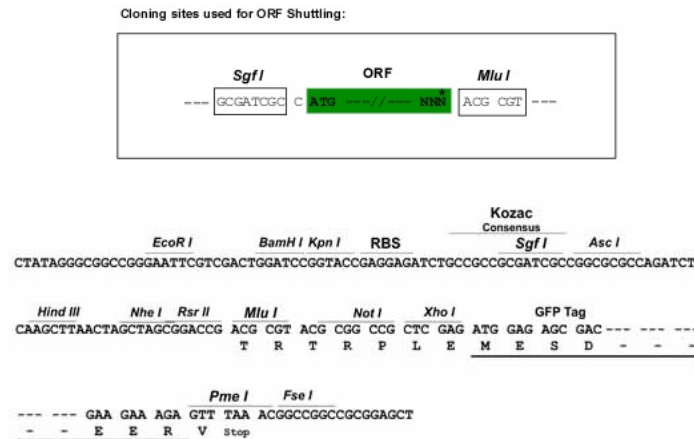
Protein Sequence: >MG202736 representing BC099556
 Red=Cloning site Green=Tags(s)

MPRRGLVAGPDLNFRQRYFTPSEVAEHNQLEDLWVSYLGFVYNLTPLVEEFKGDLLKPILEVAGQDIS
 HWFDPQTRDIRKHIDPLTGCMTYRTPRGRFVHIPPLPRSDWANDFGVPWWKGANYQVGRLSARTRNIRI
 INTLATQEHTLQVGAQESMWEILHRYLPYNAHAASYTWKYDGKNLMDQTLLENGIRDEEEEFDYLNMDG
 KLHTPAILLYFNDDLTEL

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC099556

ORF Size: 684 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

Cytogenetics: 11 B3

Product images:

