

Product datasheet for **MG203806**

Cd37 (NM_007645) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd37 (NM_007645) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cd37
Synonyms:	Tspan26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203806 representing NM_007645 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGCCCAAGAGAGTTGCCTCAGCCTCATCAAGTACTTCTCTTCGTTTTCAACCTCTTCTTTG
TACTAGGCGCCCTGATTTTCTGCTTCGGCACCTGGATCCTCATTGACAAGACCAGCTTCGTCTTTGT
GGGTTTGTCTTCGTGCCACTGCAGACTTGGTCCAAGGTCCTGGCTGTCTCAGGTGTCTCACCATGGCC
CTGGCTCTCTGGGCTGTGTGGGGCTCTAAAGGAGCTGCGCTGTCTCTGGGCTGTATTTTGAATGC
TGCTGCTCTGTTTGCACACAGATTACCTGGGCATCCTCATTCTACTCAGCGGGTCCGGCTGGAGCG
AAGGGTGCAGGAATTGGTGTTCGGACGATCCAGAGCTACCGCACGAATCCGGATGAGACAGCAGCCGAG
GAGAGTTGGGACTATGCACAGTCCAGCTGCGCTGCTGCGGCTGGCAATCTCCGCGGGACTGGAACAAGG
CCCAGATGCTGAAAGCGAACGAGTCTGAGGAGCCCTTTGTGCCCTGCTCCTGCTACAACCTCCACGGCGAC
CAATGACTCCACCGTCTTTGATAAGCTCTTTTCTCCAGCTAAGCCGGTTGGGGCCGCGGGCGAAGCTG
AGGAGACTGCTGACATATGTGCACTCCCTGCAAAAGCCACATCTACCGTGAGGGCTGCGCGCAGAGCC
TCCAGAAGTGGCTGCACAACAATATCATCTCCATAGTGGGAATCTGTCTGGGAGTCGGTCTTCTTGAGCT
CGGCTTCATGACGCTCTCAATATTCCTGTGTAGAAATCTGGATCACGCTATGACCGGCTGGCCCCGTAC
CGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG203806 representing NM_007645
Red=Cloning site Green=Tags(s)

MSAQESCLSLIKYFLFVFNLFFFVLGGLIFCFGTWILIDKTSFVSVFVGLSFVPLQTSKVLAVSGVLTMA
 LALLGCVGALKELRCLLGLYFGMLLLL FATQITLGLISTQRVRLERRVQELVLRTIQSYRTNPDETAEE
 ESWDYAQFQLRCCGWQSPRDWNKAQMLKANEEEPFVPCSCYNSTATNDSTVFDKLFSSQLSRLGPRAKL
 RQTADICALPAKAHIYREGCAQSLQKWLHNNIISIVGICLVGGLLELGFMTLSIFLCRNLDHVDRLARY
 R

TRTRPLE - GFP Tag - V

Restriction Sites:

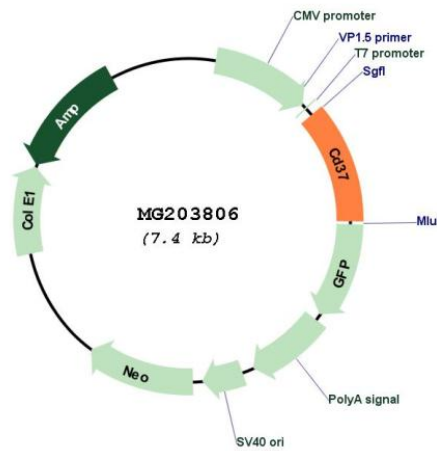
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_007645

ORF Size: 843 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).
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_007645.3
RefSeq Size:	1310 bp
RefSeq ORF:	846 bp
Locus ID:	12493
UniProt ID:	Q61470
Cytogenetics:	7 29.2 cM