

Product datasheet for **MG215389**

Rhox8 (NM_001004193) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Rhox8
Synonyms:	Tox
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG215389 representing NM_001004193, **codon optimized**.
Due to the complexity of NM_001004193, the ORF clone is codon optimized for mammalian Expression.
The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

Red=Cloning site Blue=ORF Green=Tags(s)

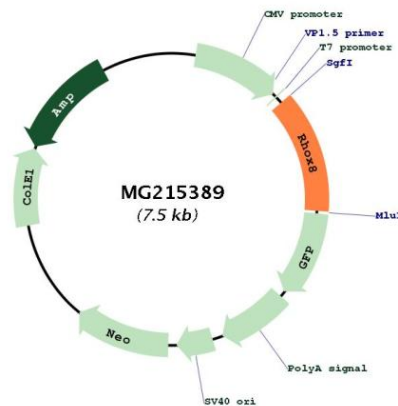
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCTTCTCTCTGAGGCTCAATCAAGAAGTAAACCCAGGATTTCTCGGAGCCGGTCTACCGTCAACA
GCATACATGCTATGGAGCCTCAAGAAGTTACCCAGTCATCCCTGCTGAGAGATGACGAAATTAAGGAGAG
CGACGACCGCGCGCCTGGATAGTTAGCCAGGAGATGAAAGAAAGGGAGGAGAACCGCAGGCATACAGGAC
TGCCCTCTGCTGGGAGCCATGGCTGCCGAGGGCGAGGGCGAAAACGAGGAGGAGGGGGAAGAGGGTGGG
AAGGCGAGGAAGGAGAAGAGGGGAGAAGAGGGCGAGGAAGGCGAGGAGGGGAGGAGGGTGGAGGAAGA
GGAGGAAGAAGAGGAGGAGGAGGAGGAAGAGGAGGAGGAGGAGGAAGAGGAGGAGGAGGAAGAGGAAGGA
GAAGAAGGCGAGGAAGGCGAAGAGGGCGACGAGGGCGGGGAGGGGGCGAGGGTGGCGAGGAAGGTGAGG
AAGAGGGGAGGAGGAAGAAGGCGCGAGGGCGAAGGCGAAGAAGAGGAGGAAGAGGAGGAGGAGGAAGA
AGAAGAAGAGGAAGAGGAGGAGGAGGAAGAGGAGGAAGAGGAGGCCGCTGCTGCCGCCCGCCGCGGGAC
GAAACCACCGCTGGATCATCTGCTCCAGTAGACGATCGGTCCCACGATGCCGGCGCCTCTAGCAATGGAG
AGGACCGCGCCAAGGCGAGGAACCTATTCTGGTGGGACTAAGGACTGGAGGCACCTCTAGCCCAAG
TGGACAGTTGCCACGGAACCGATATAGATTACAAAAGTTCCAATTGCAGGAACTCGAGAGAATCTTCGAA
AGAAACCACCTACCTTCTGCTGCGGCTCGAAGGGAGCTTGCTAGATGGATCGGAGTGACCGAAAGCAGGG
TAGAAAATTGGTTCAAGTCCCGCAGAGCAAAATATAGAAAATGTCTGATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001004193.2 , NP_001004193.1
RefSeq Size:	1202 bp
RefSeq ORF:	963 bp
Locus ID:	434768
Cytogenetics:	X A3.3

Product images:

Circular map for MG215389