

Product datasheet for **MG207357**

Zfp810 (NM_145612) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp810 (NM_145612) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp810
Synonyms:	BC005471
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207357 representing NM_145612
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGTGTGGTGTCAATTTGAGGACGTAGCCGTGGACTTCACTGGGAGGAGTGGCAGGCCCTGGACGCTG
 CTCAGAGGACCCTGTACAGGGACGTGATGCTGGAGACTTACAGCAGCCTGGTGTCTTGGGGCACTGCAT
 GGCCAAACCTGAGCTGATTTTCAACTTAGAACAGGGACTCGGGCCACGGAGCACAGCAGGAGCCTCAGTC
 TGGAACTCTCAGGTGTCAACAAAGTGAAGTACCTGGTTGATACCATCCAGGAAAATGATAGCAGACATT
 TCTGGCAAATGAAATCAACAGCCATACAGCAAATGAAGAAGTGGTTGAAGCAGAAGTGAAGATTATGA
 GGAAATCCACCGAGGGGCCAAATCCTATGAATGTGAAGTGTGTTTGAAGCATTTCACCTGAAGCCACAG
 TATAGCACAAAGCAGAGCTATCACACATGCGAGAATCCATGTGACTGTAAGAAGTGTAGAGAAGCTTTCT
 ATCCTAAGTCTACCTCAGTCAGTATCAGAGGCTTGAAGAGGTGAGAAACCCCATCGCTGCTTAGAGTG
 TGGGAAATCCTTCTACTGCAAGTCTCACCTCACTGTGCATCAGAGGACCCACACCGGTGAGAAGCCTTAT
 GACTGTAAGAGTGCAGGAAGGCTTCTACAGCAAATCCAGCTCAATGTGCATCTGAGAATTCACACCG
 GTGAGAAGCCTTATGAATGTAAAGACTGCAGGAAGGCTTCTACCGCAATTCGACCTCACTGTACATCA
 GAGAACTCATACAGGTGAGAAGCCTATGAATGTAAAGTCTGCAGGAAAGCTTCTACTGCAATTCACAG
 CTCACTGTACATCACAGGACTCATACAGGTGAGAAGCCTTATGAGTGTCAAGTATGCAATAAAGCTTTCT
 ACTGCAAGTCACAACCTCGCTGTACATCACAGGACTCATACGGGCGAGAAGCCTTATCAATGTAAAGAATG
 CAGGAAGGCATCCAGTGTAGGTGAGACCTCACTCGACATCAGAGAACTCATACTGGTGAGAGGCCATAT
 GAATGTCCCGAGTGCAGGAAAGCTTCTACCGCAAGTCAAGTCACTCACAGTACATCAGAGAACACATACAG
 GGGAGAAGCCCTACGAATGTAAAGAGTGCAGGAAAGCTTCTACTGTAATTCACAACCTACTGTACATCA
 AAGACAACACACAGGCGAGAAGCCTTATGAATGTAAAGACTGCGGGAAAGCTTTTTCAGTGCAAATACGAA
 CTCACTCGACATCAGAGAACACACAGGCGAGAAGCCTTATGGATGTAGAGAGTGAAGAAAGCTTTT
 ACACCAAGTCAGATCTCACTCGGCATCTAAAGACTCACGCAGGGGACAAACCC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG207357 representing NM_145612
 Red=Cloning site Green=Tags(s)

MVLVSFEDVAVDFTWEEWQALDAAQRTL YRDVMLETYSSLVSLGHCMAPKELIFNLEQGLGPRSTAGASV
 WNL SGVNVK VSSL VDTIQENDSRHFWQIE INSHTANEELVEAELKIHEE IHRGAKSYECEVCLEAFYLPQ
 YSTKQSYHTCENPCDCKKCREAFYPKSTLSQYQRLERGEKPHACLECGKSFYCKSHLTVHQRTHTGEKPY
 DCKEKRKAFYKSQLNVHLRIHTGEKPYECKDCRKA FYRNSDL TVHQRTHTGEKPYECKVCRKAFYCNSQ
 LTVHHRHTHTGEKPYEQVCNKAFYCKSQLAVHHRHTHTGEKPYQCKE CRKAFQCRSDL TRHQRTHTGERPY
 ECPECRKAFYRNSDLTVHQRTHTGEKPYECKE CRKAFYCNSQLTVHQRTHTGEKPYECKDCGKAFQCKYE
 LTRHQRTHTGEKPYGCRECKAFYTKSDLTRHLKTHAGDKP

TRTRPLE – GFP Tag – V

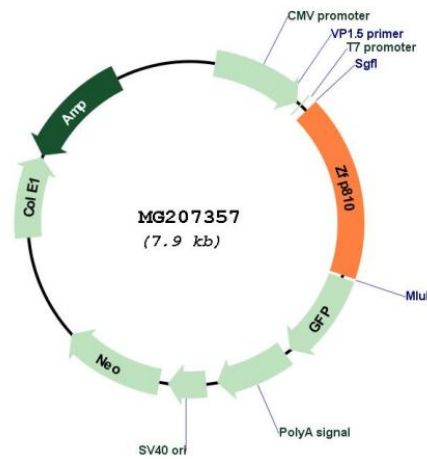
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_145612

ORF Size: 1383 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:	<u>NM_145612.2, NP_663587.1</u>
RefSeq Size:	3238 bp
RefSeq ORF:	1386 bp
Locus ID:	235050
Cytogenetics:	9 A3