

Product datasheet for **MR207357**

Zfp810 (NM_145612) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp810 (NM_145612) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp810
Synonyms:	BC005471
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207357 representing NM_145612
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTGTGGTGTCAATTTGAGGACGTAGCCGTGGACTTCACTGGGAGGAGTGGCAGGCCCTGGACGCTG
 CTAGAGGACCCTGTACAGGGACGTGATGCTGGAGACTTACAGCAGCCTGGTGTCTTTGGGCACCTGCAT
 GGCCAAACCTGAGCTGATTTTCAACTTAGAACAGGGACTCGGGCCACGGAGCACAGCAGGAGCCTCAGTC
 TGGAACTCTCAGGTGTCAACAAAGTGAAGTACCTGGTTGATACCATCCAGGAAAATGATAGCAGACATT
 TCTGGCAAATGAAATCAACAGCCATACAGCAAATGAAGAAGTGGTTGAAGCAGAACTGAAGATTATGA
 GGAAATCCACCGAGGGGCCAAATCCTATGAATGTGAAGTGTGTTTGAAGCATTTCACCTGAAGCCACAG
 TATAGCACAAAGCAGAGCTATCACACATGCGAGAATCCATGTGACTGTAAGAAGTGTAGAGAAGCTTTCT
 ATCCTAAGTCTACCTCAGTCAGTATCAGAGGCTTGAGAGAGGTGAGAAACCCCATCGCTGCTTAGAGTG
 TGGGAAATCCTTCTACTGCAAGTCTCACCTCACTGTGCATCAGAGGACCCACACCGGTGAGAAGCCTTAT
 GACTGTAAGAGTGCAGGAAGGCTTTCTACAGCAAATCCAGCTCAATGTGCATCTGAGAATTCACACCG
 GTGAGAAGCCTTATGAATGTAAAGACTGCAGGAAGGCTTTCTACCGCAATTCGACCTCACTGTACATCA
 GAGAACTCATACAGGTGAGAAGCCTATGAATGTAAAGTCTGCAGGAAAGCTTTCTACTGCAATTCACAG
 CTCACTGTACATCACAGGACTCATACAGGTGAGAAGCCTTATGAGTGTCAAGTATGCAATAAAGCTTTCT
 ACTGCAAGTCACAACCTCGCTGTACATCACAGGACTCATACGGGCGAGAAGCCTTATCAATGTAAAGAATG
 CAGGAAGGCATCCAGTGTAGGTGAGACCTCACTCGACATCAGAGAACTCATACTGGTGAGAGGCCATAT
 GAATGTCCCGAGTGCAGGAAAGCTTTCTACCGCAAGTCAAGTCAAGTACATCAGAGAACACATACAG
 GGGAGAAGCCCTACGAATGTAAAGAGTGCAGGAAAGCTTTCTACTGTAATTCACAACCTACTGTACATCA
 AAGACAACACACAGGCGAGAAGCCTTATGAATGTAAAGACTGCGGGAAAGCTTTTTCAGTGCAAATACGAA
 CTCACTCGACATCAGAGAACACACAGGCGAGAAGCCTTATGGATGTAGAGAGTGAAGAAAGCTTTT
 ACACCAAGTCAGATCTCACTCGGCATCTAAAGACTCACGCAGGGGACAAACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207357 representing NM_145612
 Red=Cloning site Green=Tags(s)

MVLVSFEDVAVDFTWEEWQALDAAQRTL YRDVMLETYSSLVSLGHCMAPKPELIFNLEQGLGPRSTAGASV
 WNL SGVNVK VSSL VDTIQENDSRHFWQIE INSHTANEEL VEAELKIHEE IHRGAKSYECEVCLEAFYLPQ
 YSTKQSYHTCENPCDCKKREAFYPKSTLSQYQRLERGEKPHACLECGKSFYCKSHLTVHQRTHTGKPY
 DCKEKRKAFYKSQLNVHLRIHTGKPYECKDCRKAFFYRNSDLTVHQRTHTGKPYECKVCRKAFYCNSQ
 LTVHHRHTHTGKPYEQVCNKAFYCKSQLAVHHRHTHTGKPYQCKEKRKAFQCRSDLTRHQRTHTGERPY
 ECPEKRKAFYRNSDLTVHQRTHTGKPYECKEKRKAFYCNSQLTVHQRTHTGKPYECKDCGKAFQCKYE
 LTRHQRTHTGKPYGCRECKAFYTKSDLTRHLKTHAGDKP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9109_h02.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


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:

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_145612.2](#), [NP_663587.1](#)

RefSeq Size: 3238 bp

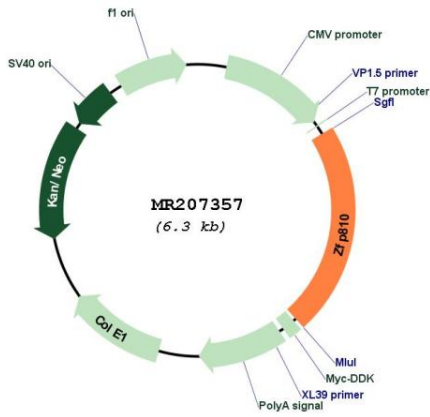
RefSeq ORF: 1386 bp

Locus ID: 235050

Cytogenetics: 9 A3

MW: 54 kDa

Product images:



Circular map for MR207357