

Product datasheet for MR216932

Egfl8 (NM_152922) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Egfl8 (NM_152922) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Egfl8
Synonyms:	Ng3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR216932 representing NM_152922 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGCTCTGGGCTGAGCTGTGCATTTCCCTACGAGGACTCTCATTCTTCTGGTGTGATGACGGGCG
AAGGGACCAGAGGAGGATCTTTCAAAGAGAGTTTGGGAGTGTGCTCAAGCAGACGCTGTGTTCTCT
CCGTTACAACGAGTCCTATAGTCAACCGGTGTACAAACCTACCTGACCTGTGTGCGGGGAGGCGCATA
TGTAGCACCTACAGGACCACATACCGTGTGGCCTGGCGGGAGGTGAGGCGGGAGGTACCACAGACACAG
TGGTGTGCTGTGAGGGCTGGAAGAAGCCACACCCAGGAGCTCTCACCTGTGATGCCATCTGCTCCAAGCC
TTGTCTTAATGGAGGTGTCTGACTGGACCAGACCGGTGCGAGTGTGCCCCAGGCTGGGGAGGAAAGCAT
TGCCACGTGGATGTGATGAATGCAGGGCCAGCCTTACCCTCTGCTCTCATGGCTGCCTCAACACTGG
GCAGCTTCTTGTGCAGCTGTCCACACCCCTGGTGTGGGTCTCGATGGACGCACCTGTGCAGGGGGGCC
TCCAGAGTCCCCGACAAGTGCCAGCATCCTCAGTGTGGCAGTTCGGGAAGCAGACAGCAAGAGGAGCGA
GCCCTGAGGTGGGAGGTTGCAGAGCTTCGTGGGCGTCTGGAGAAGCTGGAGCAGTGGGCCACACAGGCTG
GGGCTGGGTTTCGAGCAGTGTGCCATGCCCCCTGAAGAGCTGCGGCCCTGAACAGGTGGCTGAGCTTTG
GGCCCGGGGTGACAGAATTGAGTCCCTCAGCGACCAGGTGCTGCTACTGGAGGAAAGACTGGGTGCCTGT
GCCTGTGAGGATAACAGCCTGGGCCAAGCCTGCGTGGA

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR216932 representing NM_152922
 Red=Cloning site Green=Tags(s)

```
MGLWAELCISLRGLSFFLVLMTGEGTRGGSFKESLGVCSKQTLLVPLRYNESYSQPVPYPYLTLCAGRRI
CSTYRTTYRVAVREVRREVPQTHVVCCQGWKPHPGALTCDAICSKPCLNGGVCTGPDRCECAPGWGGKH
CHVDVDECRASLTLCSHGCLNTLGSFLCSCPHPLVLGLDGRTCAGPPESPTSASILSVAVREADSEER
ALRWEVAELRGRLEKLEQWATQAGAWVRAVLPMPPEELRPEQVAELWGRGDRIESLSDQVLLLEERLGAC
ACEDNSLGP SLRG
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9006_d11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152922

ORF Size: 879 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_152922.1](#), [NM_152922.2](#), [NM_152922.3](#), [NP_690886.3](#)

RefSeq Size: 1154 bp

RefSeq ORF: 882 bp

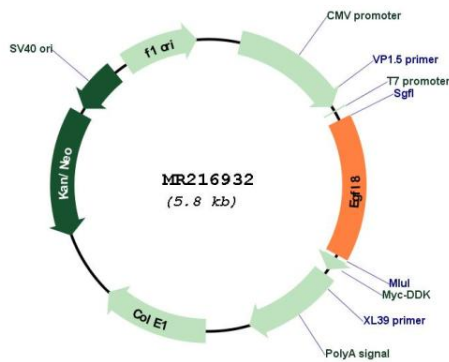
Locus ID: 81701

UniProt ID: [Q6GUQ1](#)

Cytogenetics: 17 18.19 cM

MW: 32.5 kDa

Product images:



Circular map for MR216932