

Product datasheet for **MG210409**

Zfp280c (NM_153532) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp280c (NM_153532) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp280c
Synonyms:	BC028839; mKIAA1584; Suhw3; Zfp633; Znf280c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>MG210409 representing NM_153532
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATAAAGATAACTCTGTTCAAGAAAAAGGGTTGTTTCTCTCCTCTTGAAATTAGATAAATCAAAAA
 TGGCTGAACCTTTTCATGGAATGTGAAGAAGAAGAGTTGGAACCATGGCAGCAGAAAGTAGAAGAAAGTCA
 AAGTAAAGACGACGATGATGAGCTGATCTTTGTTGGAGAGATATCAAGTTCCAAGCCAGCCATTTCCAAT
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 CTTTCATCCTGCTCTCAAATCTTCAGAGAGTTCTGATGGTCAGACTGTGTCTAACTTGACTTTACCAAG
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 ACTTCTGGCTTAGACCGTATGGCTAAACACTTAAATCAACGTAAACTCATACTTGCCAAGTTGTAATAG
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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

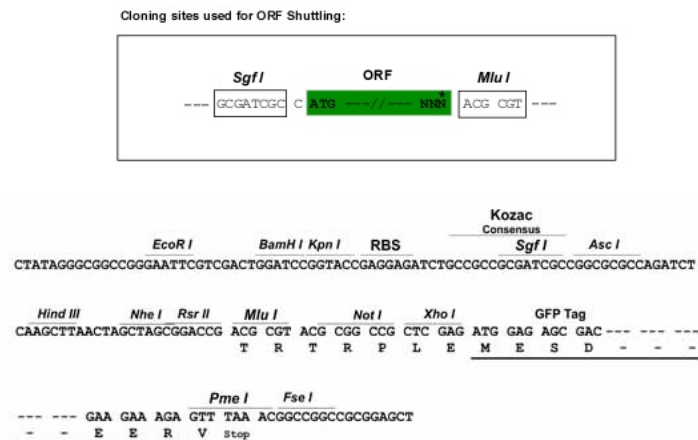
Protein Sequence: >MG210409 representing NM_153532
 Red=Cloning site Green=Tags(s)

MDKDNSVQEKGLFLSSWKLDNSKMAELFMECEEELEPWQQKVEESQSKDDDELIFVGEISSSKPAISN
 ILNRCSPGSSSKGLKNGSFNPAISNIFKPTSQHYRNPSSNALVALPSFHPALKSSSESDGQTVSKLDFTK
 TSPQEDSGACSVSQSDSTQDIPSSNILQPRGTGVDQTLGLKHPSTSKVNSVNPKKPKTSASISSETRPCSSS
 SSQTAPSGASSQTVLSNVNTSSVQSAPGSSSLRSCPKCNVFRLLDPLKCHMKRCCPDMINKFLETLSKSE
 NSKAVSKATTDSDKEKLIMLVSDFYGRHEGTIEESQKTHHTFKCFSTKVLKNNIRFMNHMKHHLELEK
 QNNETWESHTTCQHCRYQYPNPFQLQCHIESTHTPHDFSTICKICELSFETEHMLLQHMKDTHKPGEMPY
 ICQVCQFRSSIFSDVETHFRSSHENTKNLLCPFLKVSMTATPYMNHMRHQKKGIYRCPKCRLQFLTSK
 EKTEHKLHRTFIKPKLEGLPPGTVKVIIRASLGSSQSRASSPPSSTIPSTSLQSVPSKSTTTKNNSK
 VSANKATTTSPQTVATTGKPSASKPGTGTTSKAKPSYKQKRQRTRKNKFSIDLKNLRCHQGSHMCIEC
 RSKIKDFSSHSTHINCDFCKYTTNCNAFTNHMSSHNDHPSKQLYIFKKQSRARRGITLVCLKCDFLAD
 TSLGDRMAKHLNQKTHTCQVVIENVTERAVTSESASDGLFK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_153532

ORF Size: 2226 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_153532.4](#)

RefSeq Size: 4398 bp

RefSeq ORF: 2229 bp

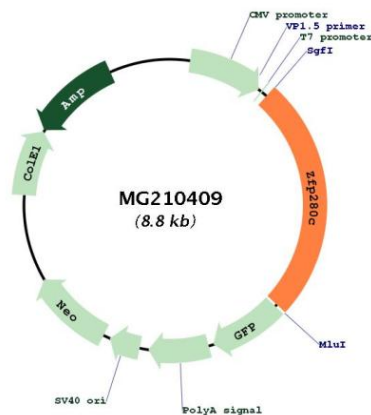
Locus ID: 208968

UniProt ID: [Q6P3Y5](#)

Cytogenetics: X A5

Gene Summary: May function as a transcription factor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG210409