

Product datasheet for **RG216487**

ZFP2 (NM_030613) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP2 (NM_030613) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZFP2
Synonyms:	zfp-2; ZNF751
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG216487 representing NM_030613
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAAGGGAAGGTATCTGGCATTCTACTCTAGGGGAAACCTGGGAACCTAATAATTGGTTAGAGGGAC
 AACAGGATAGTCATCTGAGCCAAGTGGGAGTTACCCATAAGGAAACCTTCACTGAGATGAGAGTATGTGG
 AGGTAATGAATTTGAAAGATGTTCCAGTCAGGATTCAATCCTTGATACACAGCAAAGCATTCCCTATGGTA
 AAAAGGCCCATAACTGTAATTCACATGGAGAAGATGCCACAAAAATTCTGAGTTAATTAACCTCAAA
 GAATGTTTGTAGGAAAGAAGATCTATGAATGTAATCAGTGCAGCAAAACCTTCAGTCAGAGCTCATCCCT
 TCTTAAGCACCAGAGGATTCATACTGGGAGAAAACCTATAAGTGAATGTATGTGGAAACACTTCATT
 GAACGATCCTCCCTTACTGTACATCAAAGAATTCATACTGGAGAGAAAACCTATAAATGTAATGAATGTG
 GAAAGCCTTTAGTCAGAGCATGAATCTTACTGTCCATCAACGAACTCACACCGGAGAGAAAACCTATCA
 GTGTAAGAGTGTGGCAAAGCCTCCATAAGAATTCATCTCTTATTCAGCATGAAAGGATTCATACTGGA
 GAGAAGCCCTACAAATGTAATGAATGTGGTAAAGCTTTTACCCAAAGCATGAATTTGACAGTTCATCAGA
 GAACTCATACAGGAGAAAAACCTATGAATGTAATGAATGTGGAAAAGCCTTCAGTCAAAGCATGCATCT
 TATTGTACATCAGAGAAGCCATACTGGAGAAAAACCTATGAGTGTAGTCAGTGTGGAAAAGCCTTTAGT
 AAGAGCTCAACTTTACCTACATCAGCGAAATCACACTGGAGAAAAACCTTACAAATGTAACAAATGCG
 GAAATCCTTTAGCCAAAGTACATATCTTATAGAACATCAGAGACTTCATTCTGGAGTAAAAACCTTTTGA
 ATGTAACGAGTGTGGAAAAGCTTTCAGTAAGAATTCATCTCTAACTCAACATCGGAGAATTCACACTGGA
 GAGAAACCTTATGAGTGTATGGTGTGTGGAAAACATTTCACTGGACGATCATCCCTTACCGTGCATCAGG
 TCATTCACTGGAGAGAAAACCTTATGAGTGCAATGAATGTGGAAAAGCATTTCAGCCAGAGTGTCTACCT
 TATTGAACATCAAAGAATTCATACTGGTGAAGAAACCTATGAATGTGATCAGTGTGGAAAAGCCTTCATT
 AAGAATTCATCCCTTACAGTGCATCAGAGAACCTATACAGGAGAGAAAACCTATCAGTGAATGAATGCG
 GAAAAGCCTTCAGCCGGAGTACAAAACCTTACACGACATCAAAGAACTCATACG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG216487 representing NM_030613
 Red=Cloning site Green=Tags(s)

MEREGIWSTLGETWEPNNWLEGQQDLSHQVGVTHKETFEMRVCGGNEFERCSSQDSILDQQSIPMV
 KRPHNCNSHGEDATQNSL IKTQRMFVGKKIYEENQCSKTFSSSSLLKHQRIHTGEKPYKCNVCGKHFI
 ERSSLTVHQRIHTGEKPYKCNVCGKAFS QSMNLTVHQRTHTGEKPYQCKEKGAFHKNSSLIQHERIHTG
 EKPYKCNVCGKAFQSMNLTVHQRTHTGEKPYECNECGKAFS QSMHLIVHQRSHTGEKPYECSQCGKAFS
 KSSTLTLHQRNHTGEKPYKCNKCGKFSFSQSTYLIEHQRLHSGVVPFECNECGKAFSKNSSLTQHRRHTG
 EKPYECMVCGKHFTGRSSLTVHQVIHTGEKPYECNECGKAFS QSAYLIEHQRIHTGEKPYECDQCGKAFI
 KNSSLTVHQRTHTGEKPYQNECGKAFSRSTNLTRHQRTHT

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_030613

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_030613.2](#), [NP_085116.2](#)

RefSeq Size: 2405 bp

RefSeq ORF: 1386 bp

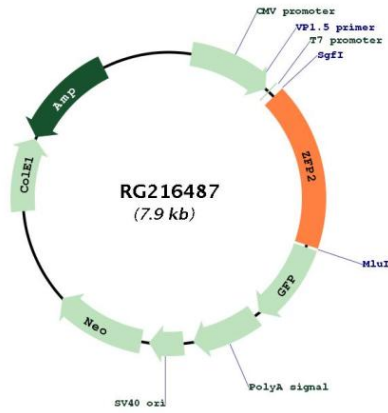
Locus ID: 80108

UniProt ID: [Q6ZN57](#)

Cytogenetics: 5q35.3

Gene Summary: Probable transcription factor involved in neuronal differentiation and/or phenotypic maintenance.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG216487