

Product datasheet for **RG207525**

ZFP30 (NM_014898) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP30 (NM_014898) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZFP30
Synonyms:	ZNF745
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG207525 representing NM_014898
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCGTGATTTGGTGATGTTTCAGAGATGTGGCTGTAGACTTTTCTCAGGAAGAATGGGAATGCCTGA
 ACTCATATCAGAGGAATTTGTACAGAGATGTGATATTAGAGAAGTATAGCAACTTGGTGCTACTGGCAGG
 ATGTTCTATTTCTAAGCCAGATGTGATCACCTATTGGAACAAGGAAAGAGCCCTGGATGGTTGTGAGG
 GATGAGAAAAGAAGATGGACTCTAGATTGGAATCCAGATATGACACTAAAAAGTTATTTCAAGGAAAGG
 ATATTTATGAAATGAAGTATCTCAGTGAAGGTAATGGAAAGAATTAAGGCTGTGGACTTGAAGAACA
 AGAAAGTCCTCATGAGGTGTGTTTCAGGCAAGTGACAAAACACCTCTGAAAAATGCCTACTTACAGA
 AAACCTCACATCTTCTCTGTATCAGAAAAGTCATAACAGAGAGAAACCTACGAATGTGGGAATGTG
 GGAAGGCTTTTAGAGTACGACAACAACTTACTTTCCATCAAAGAATTCATACTGGTGAGAAACCTATGA
 ATGTAAAGAATGTGGAAAAGCCTTTAGACAGTGTGCCACCTCAGTCGACATCAGAGAATTCATACTTCT
 GACAACTCTATGAATGTAAAAATGTGAAAAGATCTTCACATGTGGCTCAGACCTCGAGTACATCAGA
 GAATTCATATTGGTGAGAAGCCGTATGAATGTAAAGAATGTGGGAAAGCCTTTAGAGTTAGAGGACAACT
 TAATCTCCATCAAAGGATTCACACGGGTGAGAAACCTATGAATGTAAAGAATGTGGGAAAGCCTTTAGG
 CAGTATGCACACCTTACTCGACATCAGAGACTGAACATTGCTGAGAAGTGCTATGAGTGAAGGAATGTG
 GTCAGGCTTTCTGTGTAGTACAGGCCTTCGACTACATCACAACCTTCATACTGGAGAAAAACCTATGA
 ATGTAAGGAGTGTGGAAGGCCTTTAGAGTGCGGCAGCAACTTACTCTCCATCAGAGAATTCACACTGGT
 GAGAAGCCTTATGATTGTAAGGAATGTGGGAAGACTTTTCTGCTGGCTATCATCTAACTCTCCATCAGA
 GAATACATACTGGTGAAAAGCCTATGAATGTAAAGGAATGTCAGAAGTTCTTTCGTCGTTACTCAGAAGT
 TATTTTCACATCAGGGTATTACATTGGAGAGAAACCTTATGAATGTAAAGGAATGTGGGAAGGCATTTAGG
 CTGTTCTCACAGCTTACTCAACATCAGAGTATTATTTTGGTGAGAAACCTTTAAGTGAAGGAATGTG
 AGAAGACTTTTAGACTGCTTTTACAACCTTACCAACATCAAAGTATTCATACTGGTGAAAAGCCTATGA
 CTGTAAGGAATGTGGAAGGCCTTTAGACTTCATTCATCACTGATTCAACATCAGAGAATTCATTCTGGT
 GAGAAACCATACAAATGTAAAGGAATGTAAAAAGGCATTTAGACAACATTCACATCTTACTTACCATCAGC
 GAATTCATAATGTAAT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG207525 representing NM_014898
 Red=Cloning site Green=Tags(s)

MARDLVMFRDVAVDVSQEEWECLNSYQRNL YRDVILENYSNLVSLAGCSISKPDVITLLEQGKEPVMVVR
 DEKRRWTLDLERYDTKKLFQKDIYEMNLSQWKVMERIKSCGLEEQESPHEVCFRQVTKTTSEKMPTYR
 KLTSPLPYQKSHNREKPYECGECGKAFRVRQQLTFHQRIHTGEKPYECKECGKAFRQCAHL SRHQRIHTS
 DKLYECKKCGKIFTGSDLRVHQRIHIGEKPYECKECGKAFRVRGQLNLHQRIHTGEKPYECKECGKAFR
 QYHLTRHQRLNIAEKCYECKECGQAFLCSTGLRLHHKLHTGEKPYECKECGKAFRVRQQLTLHQRIHTG
 EKPVDCKEKGKTFSRGYHLTLHQRIHTGEKPYECKECQKFFRYSSELISHQGIHIGEKPYECKECGKAFR
 LFSQLTQHQSIIHFGEKPFKCKEKEKTFRLLSQLTQHQSIIHTGEKPYDCKEKGKAFLHSSLIQHQRIHSG
 EKPYPCKECKKAFRQHSHTYHQRIHNV

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_014898

ORF Size: 1557 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_014898.4](#)

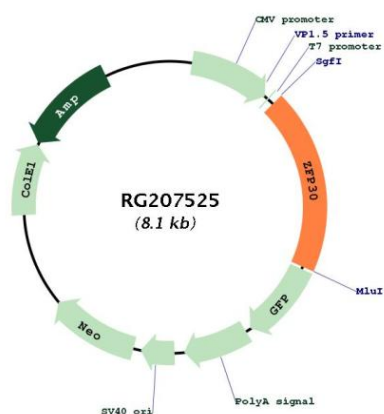
RefSeq Size: 4612 bp

RefSeq ORF: 1560 bp

Locus ID: 22835

UniProt ID: [Q9Y2G7](#)
 Cytogenetics: 19q13.12
 Domains: KRAB, zf-C2H2
 Protein Families: Transcription Factors
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG207525