

Product datasheet for **RG218108**

Zinc finger protein 30 (ZNF30) (NM_001099437) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zinc finger protein 30 (ZNF30) (NM_001099437) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF30
Synonyms:	KOX28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG218108 representing NM_001099437
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCATAAATATGTGGTTCAGTATCACGGATCAGTGACATTTGAGGATGTGCCATAGCCTTCT
 CCCAGCAGGAGTGGGAGAGTCTGGACTCTCCAGAGGGCTTGTACAGAGATGTGATGTTGGAGAATA
 CAGGAAGTGGTCAATGGCAGGACATCCCGTTCTAAACCACATGTGATCGCCTTATTGGAACAATGG
 AAAGAGCCTGAAGTGACAGTGAGGAAAGATGGAAGAAGATGGTGCACAGATTTGAGTGGAAAGATGATA
 CAATCGGCTGTAAGAAATGCCACCTCTGAAACTGTCCATCTTTGCTCTACATCAGAAAATAAGTAG
 ACAGAAACCACGTGAATGTCAGGAATATGGAAAGACCCTTTGTCAAGACTCAAAGCCTGTCAACATGAA
 AGAATACATAGTAGTAAAAACCAACAGATGTAAGAATGTGGGAAGAACTTTAGTAATGGACATCAAC
 TCACCATACATCAGAGATTGCATGTTGGTGAAGAACCTATAAATATGAAAAATGTGGGAAGGCCTTTAT
 CAGTGGCTCAGCCTTTGTAAGCATGGGAGAATTCACACTGGTGAAGCCACTCAAATGTAAGCAATGT
 GGAAGACTATTAGTGGTAGTATCAACTTACAGTACATAAGAGTATTCATACTGGGAAGAAACCATATG
 AGTGCAGGGAATGTGGGAAGCTTTTCTAGTATATGAAAAGCTTACCCGGCATCAGAGTACTCACACTGG
 TGAAAAACCTTTGGGTGTGAGGAGTGTGGGAAGGCCTTCAGTACCTTTTCATACCTGGTCAACATCAG
 CGAATTCATACCAGTAAAAACCTTACGAATGCAAAGAATGTGGGAAGGCCTTTAGCACTAGTCAACCC
 TTGCTAAGCATCAGAGAATTCATACTGGCGAGAAACCTATGAATGTAAGGAGTGTGGGAAGTCTTTCAC
 TGTGATGGACAGCTTACTCGACATCAGAGTATTCATACTGGTGAAGAACCTTTGTAATGTAAGGAATGT
 GGAAAGCCTTTAGACTTAGTTCCTTCTTATGCACATCAGCGAATTCATGCAGAGATAAAGCCCTACG
 GATGCAAGGAATGCGGGAGAACCCTTCAGTCGTGCCTCATCTTTGTTCAACATGGAAGACTTCACACTGG
 CGAGAAGCCTATGAATGTAAGGAGTGTGGCAAGGCCTTTAGTACTGGCTCATACCTTGTTCAGCATCAG
 AGGATCCATACTGGGAGAAACCTATGAATGTAAGGAATGTGGCAAAGCCTTTATTAGTCGCCATCAGC
 TTACCGTACATCAAAGGTTTCACTGAGAGAAACCTATGAGTGAAGGAATGTGGCAAGGCCTTCAG
 AGTGCACGTACATCTCACACAGCATCGGAAAATTCATACTGATGTAAGGCCTATGAATGTAAGGAATGT
 GGAAAGACTTTTACTCGAGCCTCGTACCTTGTACAACATAGCAGAATCCATACTGGTAAGAAGCCCTATG
 AGTGAAGGAGTGTGGCAAGGCCTTCAGTCTGGCTCATACCTTGTTCAGCATCAAAGAATTCATACTGG
 GGAAACCTATGAATGTAACAAATGTGGAAAGCCTTTACTGTTTATGGACAATTTATGGACATCAG
 AGTGTTCACACTGGTGAAGAACCTTTTGAATGTAAGGAATGCGGGAAGGCCTTTAGACTTAATTCATTCC
 TTAAGTGAACATCAGCGGTACACACTGGTGAAGAACCTTTAAATGCAAAAAATGTGGGAAGACCTTTAG
 ATACAGTTCAGCCCTAAAGTGCATCTGAGAAAACATATGAGTGTATACCC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG218108 representing NM_001099437
 Red=Cloning site Green=Tags(s)

MAHKYVGLQYHGSVTFEDVAIAFSQQEWESLDSSQRGLYRDVMLENYRNLVSMAGHSRSKPHVIALLEQW
 KEPEVTVRKDGRRWCTDLQLEDDTIGCKEMPTSENCPSFALHQKISRQKPRECQYEGKTLQDQSKPVQHE
 RIHSSEKPNRCKECGKNFSNGHQLTIHQRLHVGEKPYKYEKCGKAFISGSFVVKHGRHTGEKPLKCKQC
 GKTISGSYQLTVHKSIIHTGKKPYECGECGKAFVYVYGLTRHQSTHTGEKPFGECECGKAFSTFSYLQHQ
 RIHTSEKPYECKEGKAFSTSSPLAKHQRIHTGEKPYECKEGKSFVYVYGLTRHQSIHTGEKPFCKEKEC
 GKAFRLSSFLHAHQRIHAEIKPYGCKEKGRTFSRASYLQVHGRLHTGEKPYECKEGKAFSTGSYLQHQ
 RIHTGEKPYECKEGKAFISRHLTVHQRVHTGEKPYECKEGKAFRVHVLTHQRIHTDVKPYECKEKEC
 GKTFSRASYLQVHSRIHTGKKPYECKEGKAFSSGSYLQVHQRIHTGEKPYECNKCGKAFVYVYGLIIGHQ
 SVHTGEKPFCKEKEGKAFRLNSFLTEHQRVHTGEKPFCKKCGKTFRYSSALKVHLRKHMSVIP

TRTRPLE – GFP Tag – V

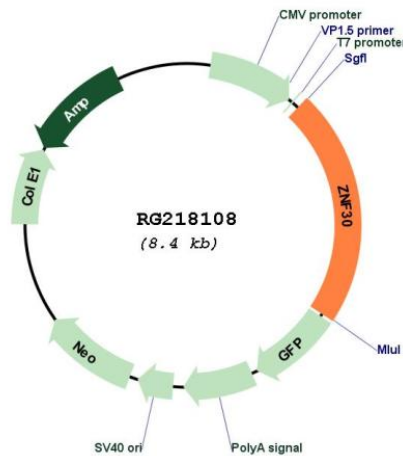
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001099437

ORF Size: 1872 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:	<ol style="list-style-type: none">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_001099437.2
RefSeq Size:	2604 bp
RefSeq ORF:	1875 bp
Locus ID:	90075
UniProt ID:	P17039
Cytogenetics:	19q13.11
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]