

Product datasheet for **RG208283**

ZNF169 (NM_194320) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF169 (NM_194320) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF169
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG208283 representing NM_194320
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTTCCGGGATGTGGCTGTGGCCTTACCCAGAAGGAGTGAAGCTATTGAGTTCTGCTCAGAGGA
 CCCTGTACAGGGAGGTGATGCTGGAGAACTACAGCCATCTGGTCTCCCTGGGAATTGCATTTTCCAACC
 AAAACTCATCGAACAGCTGGAGCAAGGCGACGAACCTTGAGAGAGGAGAACGAACATCTTCTGGACCTT
 TGTCCAGAGCCTAGAACAGAATTCAGCCAAGTTTCCCCACCTGGTGGCCTTTTCTAGCTCGCAGCTCC
 TCAGACAATATGCGCTAAGTGGCCATCCACACAGATCTTCCCAAGCTCATCTGCAGGAGGTGACTTCCA
 ACTAGAAGCTCCAAGATGCTCTAGTGAAAAAGGAGAAAGTGGAGAGACAGAAGGCCCCGACAGCTCATT
 AGAAAGAGGCCAAGCAGAATTTCTAGGACATTCTCAGCCACATCAAGGTGACCCAGTAGAATGGGTAG
 AAGGGAACAGAGAAGGAGGAACAGACCTTCGCCTGGCCAAAGGATGAGTCTTGGGGGTGACAGACAAT
 GTTGAAGGAGCAGACACTTCAGAATCTGGAGCAGTCATACGTGGAAACTATAGACTGGGACTTAGCAAA
 AAGTCAAGCCTGTTACGCCACCAGAAGCATCATGTGTGCCCTGAATGCGGGAGAGGCTTTTGCCAGAGAT
 CAGACCTTATCAAGCACCAGAGGACACACACCGGGGAGAAGCCATACCTGTGTCCCTGAGTGTGGCGTCCG
 GTTTAGCCAGAAGGCCTCCCTCTCCATACACCAGAGGAAGCACTCGGGGAGAAGCCGATGTGTGCAGG
 GAATGTGGGCGCACTTCAGGTATACCTCTCTCACTAATCACAAGAGGATTCCTCCGGGAGAGGC
 CCTTTGTATGTCAGGAGTGTGGGCGAGGCTTTCGCCAGAAGATAGCCCTCCTTCTACACCAGAGGACGCA
 CTTGGAGGAGAAGCCCTTCGTGTCTCAGTGTGGGAGAGGCTTTTCCAGAAGGCATCACTCTCCAG
 CACCAGAGCTCACACACAGGGGAGAGGCCCTTCCCTGTGCCTTGTGTGGGCGTAGCTTCAGGCAGCAGT
 CACTCTCCTTAGTCACCAGGTCACACACTCAGGAGAGAAGCCTTATGTCTGTGCTGAGTGTGGGCGAG
 CTTTCGCCAAAAGGTCACTCTCATCAGGCACCAGAGGACACACAGGGGAGAAGCCTTACCTGTGCCCC
 CAGTGTGGGCGGGTTTTAGCCAGAAGGTACCCTCATTGGACACCAGAGGACACACACAGGGGAGAAGC
 CCTACCTGTGCCCTGATTGTGGGCGTGGCTTTGGTCCAGAAGGTCACCCTCATCAGACACCAGAGGACACA
 CACAGGGGAGAAGCCTTATCTGTCCCCAAGTGTGGGCGTGCATTTGGCTTTAAGTCGCTCCTCACCCGA
 CACCAGAGGACACACTCAGAGGAGGAGCTTACGTAGACAGGCTGTGTGGACAAGGACTTGGCCAGAAGT
 CACACCTTATCTCTGACCAAAGGACACACTCAGGAGAGAAGCCCTGCATTTGCGATGAATGTGGGCGCG
 CTTTGGCTTTAAGTCTGCCCTCATCCGACATCAGCGGACCCATTCTGGGAGAAGCCGATGTCTGCAGG
 GAGTGTGGGCGTGGCTTTAGCCAGAAGTCTCACTTGCATAGACACAGGAGGACCAAGTCTGGTCATCAGC
 TCCTACCCCAAGAGGTCTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG208283 representing NM_194320
 Red=Cloning site Green=Tags(s)

MAFRDVAVAFTQKEWKLLSSAQRITYREVMLENYSHLVSLGIAFSKPKLIEQLEQGDEPWRENEHLLDL
 CPEPRTEFQPSFPHLVAFSSSQLLRQYALSGHPTQIFPSSSAGGDFQLEAPRCSSEKGESGETEGPDSSL
 RKRPSRISRTFFSPHQDPPVEWVEGNREGGDLRLAQRMSLGGSDTMLKGADTSESGAVIRGNRYRLGLSK
 KSSLFSHQKHHVCEPCEGRGFCQRSDLIKHQRTHTEKPYLCPECGRRFSQKASLSIHQRKHSGEKPYVCR
 ECGRHFRYTSSTLNHKRIHSGERPFVCEGGRGFRQKIALLLHQRTHLEEKPFVCEPCEGRGFCQKASLLQ
 HQSSHTGERPFLCLEGRSFRQQLLSHQVTHSGEKPYVCAECGHSFRQKVTLIRHQRTHTEKPYLCP
 QCGRGFSQKVTLIGHQRTHTEKPYLCPDCGRGFGQKVTLIRHQRTHTEKPYLCPKCGRAFQKSLLTR
 HQRTHSEELYDRVCGQLGQKSHLISDQRTHSGEKPCICDECGRGFGFKSALIRHQRTHSGEKPYVCR
 ECGRGFSQKSHLHRHRTKSGHQLLPQEVF

TRTRPLE - GFP Tag - V

Restriction Sites:

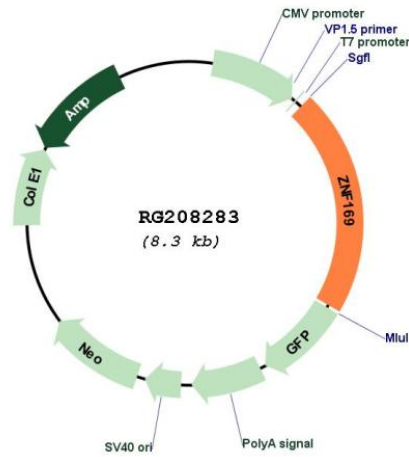
Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN:

NM_194320

ORF Size:	1809 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_194320.1 , NP_919301.1
RefSeq Size:	3556 bp
RefSeq ORF:	1812 bp
Locus ID:	169841
UniProt ID:	Q14929
Cytogenetics:	9q22.32
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]