

Product datasheet for **RG228201**

C17orf99 (NM_001163075) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	C17orf99
Synonyms:	IL-40; UNQ464
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG228201 representing NM_001163075
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGGCTCCCTGGGCTGTTCTGCTTGGCCGTGCTGGCTGCCAGCAGCTTCTCCAAGGCACGGGAGGAAG
AAATTACCCCTGTGGTCTCCATTGCCTACAAAGTCCTGGAAGTTTTCCCAAAGGCCGCTGGGTGCTCAT
AACCTGCTGTGCACCCAGCCACCACCGCCCATCACCTATTCCCTCTGTGGAACCAAGAACATCAAGGTG
GCCAAGAAGGTGGTGAAGACCCACGAGCCGGCCTCCTTCAACCTCAACGTCACACTCAAGTCCAGTCCAG
ACCTGCTCACCTACTTCTGCTGGGCGTCTCCACCTCAGGTGCCCATGTGGACAGTGCCAGGCTACAGAT
GCACTGGGAGCTGTGGTCCAAGCCAGTGTCTGAGCTGCGGGCCAATTCACTCTGCAGGACAGAGGGGCA
GGCCCCAGGGTGGAGATGATCTGCCAGGCGTCTCGGGCAGCCACCTATCACCAACAGCCTGATCGGGA
AGGATGGGCAGGTCCACCTGCAGCAGAGACCATGCCACAGGCAGCCTGCCAATTCTCCTTCTGCCGAG
CCAGACATCGGACTGGTTCTGGTGCCAGGCTGCAACAACGCCAATGTCCAGCAGAGCGCCCTCACAGTG
GTGCCCCAGGTGGTGACCAGAAGATGGAGGACTGGCAGGGTCCCCTGGAGAGCCCCATCCTTGCCCTTGC
CGCTCTACAGGAGCACCCGCCGTCTGAGTGAAGAGGAGTTTGGGGGTTTCAGGATAGGGAATGGGGAGGT
CAGAGGACGCAAGCAGCAGCCATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



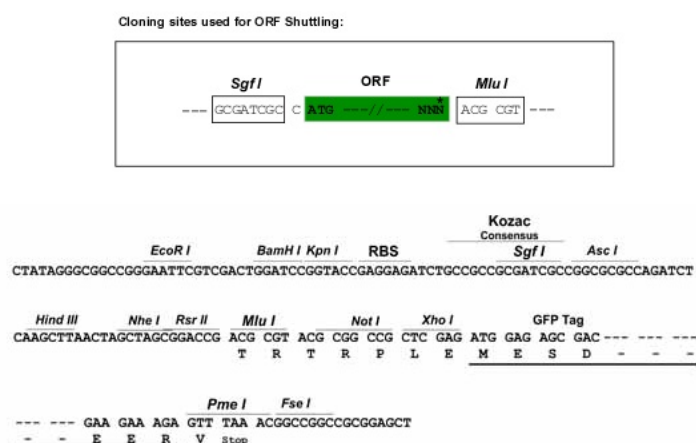
Protein Sequence: >RG228201 representing NM_001163075
Red=Cloning site Green=Tags(s)

MGLPGLFCLAVLAASSFSKAREEEITPVVSIAYKLVLEVPKGRWLVITCCAPQPPPIITYSLCGTKNIKV
 AKKVVKTHEPASFNLVTLKSSPDLITYFCWASSTSGAHVDSARLQMHWELWSKPVSELNANFTLQDRGA
 GPRVEMICQASSGSPPIITNSLIGKDGQVHLQQRPCRQPANFSLPSQTSDFWCQAANNANVQHSALTV
 VPPGGDOKMEDWOGPLESPILALPLYRSTRRLSEEEFGGRIGNGEVRGRKAAAM

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001163075

ORF Size: 795 bp

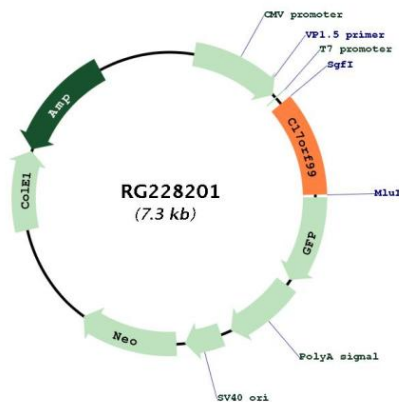
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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:	<u>NM_001163075.2</u>
RefSeq Size:	1090 bp
RefSeq ORF:	798 bp
Locus ID:	100141515
UniProt ID:	<u>Q6UX52</u>
Cytogenetics:	17q25.3
Gene Summary:	Probable B cell-associated cytokine that plays a role in the regulation of humoral immune responses. Involved in lymphocyte B cell development and immunoglobulin/IgA production. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG228201