

Product datasheet for **RG212011**

TCEANC (NM_152634) Human Tagged ORF Clone

Product data:

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

ORF Nucleotide Sequence: >RG212011 representing NM_152634
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGATCTCGGCTCACCGCAAACCTCGCCTCCCGGGTTCAAGCAATTCTCCTGCCTCGGCCTTCGAGTAG
CTGGGACTACAGCTGTAAGATGTCTGACAAGAACCAGATAGCTGCCAGAGCTTCTCTATTGAGCAACT
GATGTCCAAAAGGAATTTTGGAGATCTGGCAACCACCTTACTGAGCTAGAAACAATTTATGTGACTAAG
GAGCATCTCCAGGAGACAGATGTGGTCAGAGCTGTGTACAGAGTCCTCAAAAAGTGGCCCTCTGTGGCTT
TGAAAAAGAAAGCCAAGTGTGGTATCAAAGTGGAAGCTGTTTATAAGCAGACTCACTCCAAAGCGAG
GAACAGCCCTAAATTATTTCTGTGAGGGGTAATAAAGAAGAAAATTCAGGACCTTCTCATGACCCAAGT
CAGAAATGAGACACTGGGCATCTGCAGCTCGAATTCTCTGTCTTCCCAAGACGTTGCAAAAACAGTGAAA
TGATTGTGCCTGAAAATAGAGCCATTCAATTGAAACCTAAGGAAGAGCATTTTGGGGATGGTGACCTGA
ATCCACTGGCAAGAGATCGAGTGAGTTGCTGGATCCCAACACCCATGAGAACTAAATGCATAGAGCTT
CTTTACGCAGCTTTAACTAGTTCTTCCACAGATCAACCCAAAGCTGATTTGTGGCAAACTTTGCAAGAG
AAATTGAAGAGCATGTTTTTACCCTTTATTCAAAGAACATCAAAAAATATAAACTTGCATCAGAAGCAA
AGTTGCCAATTTGAAGAACCCAGAAATTCATTACAACAAAACCTTGCTCTCTGGGACCAAGTCTCCA
CGAGAATTTGCTGAAATGACTGTCATGGAGATGGCAATAAGGAACTGAAGCAGTTGAGAGCCTCTACA
CGGAATCTTGATCCAGGAACATTACCTTCCCAAGTAATTGATGGCACACAGACAAATAAAATAAATG
CAGACGCTGTGAGAAATACAATTGCAAGTCACTGTAATTGACAGAGGAACACTTTTCTTCCCAAGTGG
GTGCGGAATTCAAACCCAGATGAACAAATGATGACTTACGTAATTTGTAACGAATGTGGGGAGCAGTGTT
ACCATAGCAAGTGGGTGTCTGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >RG212011 representing NM_152634
Red=Cloning site Green=Tags(s)

MISAHRLKCLPGSSNPASAFRVAGTTAVKMSDKNQIAARASLIEQLMSKRNFEDLGNHLTELETIYVTK
EHLQETDVVRVAVRVLKNCPSVALKKKAKCLLSKWKAVYKQTHSKARNPKLFPVRGNKEENSGPSHDPS
QNETLGICSSNLSSQDVAKLSEMIVPENRAIQLKPKEEHFGDGDPESTGKRSELLDPTTPMRKCIEL
LYAALTSSSTDQPKADLWQNFAREIEEHVFTLYSKNIKKYKTCIRSKVANLKNPRNSHLQQNLLSGTTSP
REFAEMTMEMANKELKQLRASYTESCIQEHYLPQVIDGTQTNKIKCRRCEKYNCKVTVIDRGTLFLPSW
VRNSNPDEQMPTYVICNECGEQWYHSHKWWCW

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152634

ORF Size: 1143 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_152634.4](#)

RefSeq Size: 1955 bp

RefSeq ORF: 1146 bp

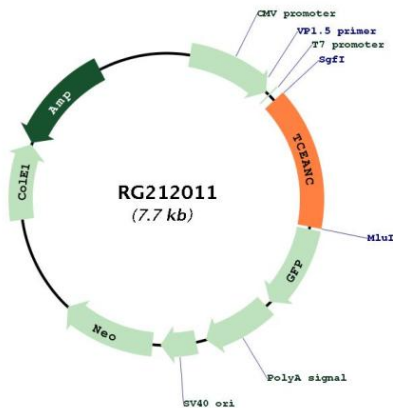
Locus ID: 170082

Cytogenetics: Xp22.2

Domains: TFS2M

Protein Families: Transcription Factors

Product images:



Circular map for RG212011