

Product datasheet for **RG211566**

TRAF3IP1 (NM_015650) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAF3IP1 (NM_015650) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRAF3IP1
Synonyms:	FAP116; IFT54; MIP-T3; MIPT3; SLSN9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>RG211566 representing NM_015650
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACGCGGCGGTGGTGAAGCGGACGACGAGGCGCTGGGAAAGTGATTTCGGAGGCCGCCGCTGACAG
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 CAAGCTCTCTAGTGACGATGCGGTGCGGAGGTTTATAGCTGGAGAGAAGGGAGAAGTGAAGGCCGGGCC
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 GCCCTGCAGCAGGAGCAGAGGATCACAGACTGTGCCGTGGAGCCCTTAAAGGCTGAGCTCGCGGAGCTGG
 AGCAGCTGATCAAAGACCAGCAAGACAAGATCTGTGCTGTGAAGGCCAACATCCTCAAGAATGAAGAAAA
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ACGCGTACGCGGCGGCTCGAG – GFP Tag – GTTTAA

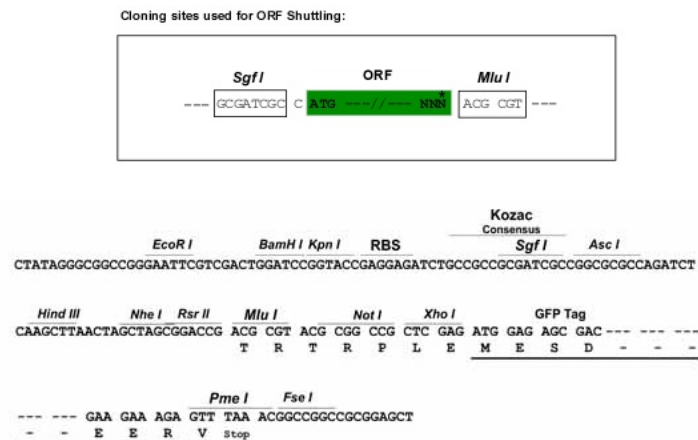
Protein Sequence: >RG211566 representing NM_015650
 Red=Cloning site Green=Tags(s)

MNAAVVVRTQEALGKVIRRPPLTEKLLSKPPFRYLHDIITEVIRMTGFMKGLYTDAEMKSDNVKDKDAKI
 SFLQKAIDVVMVSGEP LLAKPARIVAGHEPERTNELLQIIGKCLNKLSSDDAVRRVLAGEKGEVKGRA
 SLTSRSQELDNKNVREEESRVHKNTEDRGDAEIKERSTSRDRKQKEELKEDRKPREKDKDKEKAKENGGN
 RHREGERERAKARAPDNERQKDRGNRERDRDSERKKETERKSEGGKEKERLRDRDRERDRDKGKDRDRR
 RVKNGEHSWDLREKNREHDKPEKKSASSGEMSKKLSGDTFKDSKAETETETISTRASKSLTTKTSKRRSK
 NSVEGRKEDNISAKSLDSIVSGINNEPNQETTTSEIGTKEANINSTSISDDNSASLRCENIQPNPTEKQK
 GDSTSDAEGDAGPAGQDKSEVPETPEIPNELSSNIRRIIPRPGSARPPRVKRQDSMEALQMDRSGSGKT
 VSNVITESHNSDNEEDDQFVVEAAPQLSEMSEIEMVTAVELEEEKHGGLVKKILETKKDYEKLQQSPKP
 GEKERSLFESA WKKEDI VSKIEKLRTSIQTLCKSALPLGKIMDYIQEDVDAMQNELQMWHSENQRHAE
 ALQQEQRITDCAVEPLKAELAELEQLIKDQDKICAVKANILKNEEKIQKMYVSINLTSRR

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_015650

ORF Size: 2073 bp

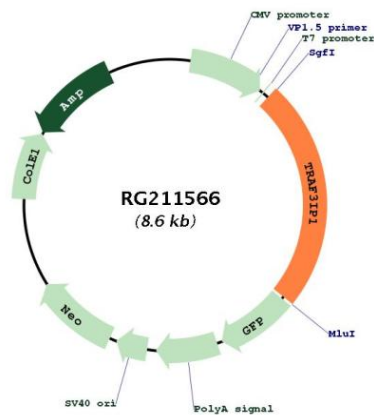
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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.
RefSeq:	<u>NM_015650.2, NP_056465.2</u>
RefSeq Size:	2568 bp
RefSeq ORF:	2076 bp
Locus ID:	26146
UniProt ID:	<u>Q8TDR0</u>
Cytogenetics:	2q37.3
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene interacts with TNF receptor-associated factor 3, tethering it to cytoskeletal microtubules. The encoded protein is also an inhibitor of the innate type I IFN response. Defects in this gene are a cause of Senior-Loken syndrome 9. [provided by RefSeq, Mar 2017]

Product images:



Circular map for RG211566