

# Product datasheet for RC206042L2

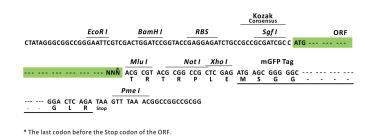
# TRAF6 (NM\_145803) Human Tagged Lenti ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	TRAF6 (NM_145803) Human Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	TRAF6
Synonyms:	MGC:3310; RNF85
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206042).
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgf I         ORF         Miu I            GCG ATC GC         ATG          NNN         ACG CGT



ACCN: ORF Size: NM\_145803 1566 bp



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of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts oreduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.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 infoVTI Annotation:This clone was engineered to express the complete ORF with an expression tag. Expression variants is recommended prior to use. More infoOmponents: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). 3. Close the tube and dad 100ul of sterile water to dissolve the DNA. 3. Close the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. S. 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.efSeq ORF:1569 bpouts ID:7189outs ID:994K3ytogenetics:11912ytogenetics:11912ytogenetics:11912outs ID:9054K3prigenetics:11912prigenetics:11912prigenetics:11912prigenetics:11912prigenetics:11912 <th colspan="2"><b>CRIGENE</b> TRAF6 (NM_145803) Human Tagged Lenti ORF Clone – RC206042L2</th>	<b>CRIGENE</b> TRAF6 (NM_145803) Human Tagged Lenti ORF Clone – RC206042L2	
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signaling pathway, Pathways in cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, Toll-like receptor signaling pathway, Ubiquitin mediated proteolysis	Protein Families:	Druggable Genome
<b>1W:</b> 59.4 kDa	Protein Pathways:	signaling pathway, Pathways in cancer, RIG-I-like receptor signaling pathway, Small cell lung
	MW:	59.4 kDa

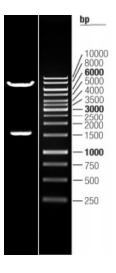
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#### TRAF6 (NM\_145803) Human Tagged Lenti ORF Clone – RC206042L2

Gene Summary:

The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins are associated with, and mediate signal transduction from, members of the TNF receptor superfamily. This protein mediates signaling from members of the TNF receptor superfamily as well as the Toll/IL-1 family. Signals from receptors such as CD40, TNFSF11/RANCE and IL-1 have been shown to be mediated by this protein. This protein also interacts with various protein kinases including IRAK1/IRAK, SRC and PKCzeta, which provides a link between distinct signaling pathways. This protein functions as a signal transducer in the NF-kappaB pathway that activates IkappaB kinase (IKK) in response to proinflammatory cytokines. The interaction of this protein with UBE2N/UBC13, and UBE2V1/UEV1A, which are ubiquitin conjugating enzymes catalyzing the formation of polyubiguitin chains, has been found to be required for IKK activation by this protein. This protein also interacts with the transforming growth factor (TGF) beta receptor complex and is required for Smad-independent activation of the JNK and p38 kinases. This protein has an amino terminal RING domain which is followed by four zinc-finger motifs, a central coiled-coil region and a highly conserved carboxyl terminal domain, known as the TRAF-C domain. Two alternatively spliced transcript variants, encoding an identical protein, have been reported. [provided by RefSeq, Feb 2012]

## **Product images:**



Double digestion of RC206042L2 using Sgfl and Mlul

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