

Product datasheet for **RG235921**

CD252 (TNFSF4) (NM_001297562) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CD252 (TNFSF4) (NM_001297562) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TNFSF4
Synonyms: CD134L; CD252; GP34; OX-40L; OX40L; TNLG2B; TXGP1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235921 representing NM_001297562.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTATCACATCGGTATCCTCGAATCAAAGTATCAAAGTACAATTTACCGAATAAGAAGGAGAAA
GGTTTCATCCTCACTTCCAAAAGGAGGATGAAATCATGAAGGTGCAGAACAACTCAGTCATCATCAAC
TGTGATGGGTTTTATCTCATCTCCCTGAAGGGCTACTTCTCCAGGAAGTCAACATTAGCCTTCATTAC
CAGAAGGATGAGGAGCCCTCTTCCAACGAAGAAGGTCAGGTCTGTCAACTCCTTGATGGTGGCCTCT
CTGACTTACAAAAGACAAAGTCTACTTGAATGTGACCACTGACAATACCTCCCTGGATGACTTCCATGTG
AATGGCGGAGAAGTATTCTTATCCATCAAATCCTGGTGAATTCGTGTCCTT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235921
 Blue=ORF Red=Cloning site Green=Tag(s)

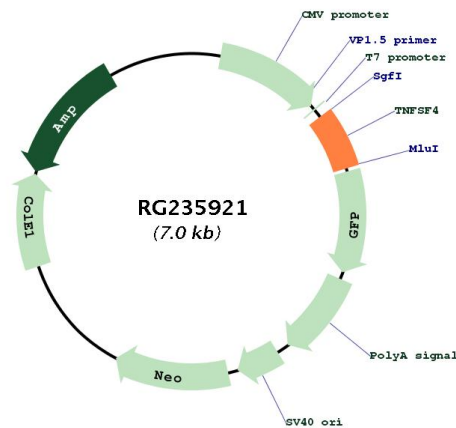
```
MVSHRYPRIQSIKVFTEYKKEKGFILTSQKEDEIMKVQNSVIINCDGFYLISLKGYSQEVNISLHY
QKDEEPLFQLKKVRSVNSLMVASLTYKDKVYLVNVTDDNTSLDDFHVNGGELILIHQNPGEFCVL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_001297562

ORF Size: 399 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).
RefSeq:	NM_001297562.2
RefSeq Size:	3442 bp
RefSeq ORF:	402 bp
Locus ID:	7292
UniProt ID:	P23510
Cytogenetics:	1q25.1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction
MW:	15.9 kDa
Gene Summary:	This gene encodes a cytokine of the tumor necrosis factor (TNF) ligand family. The encoded protein functions in T cell antigen-presenting cell (APC) interactions and mediates adhesion of activated T cells to endothelial cells. Polymorphisms in this gene have been associated with Sjogren's syndrome and systemic lupus erythematosus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]