

Product datasheet for **SC333815**

CD252 (TNFSF4) (NM_001297562) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD252 (TNFSF4) (NM_001297562) Human Untagged Clone
Tag:	Tag Free
Symbol:	CD252
Synonyms:	CD134L; CD252; GP34; OX-40L; OX40L; TNLG2B; TXGP1
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001297562, the custom clone sequence may differ by one or more nucleotides

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ATGGTATCACATCGGTATCCTCGAATTCAAAGTATCAAAGTACAATTTACCGAATAAAGAAGGAGAAAG
GTTTCATCCTCACTTCCCAAAGGAGGATGAAATCATGAAGGTGCAGAACAACCTCAGTCATCACTG
TGATGGGTTTTATCTCATCTCCCTGAAGGGCTACTTCTCCAGGAAGTCAACATTAGCCTTCATTACCAG
AAGGATGAGGAGCCCTCTTCCAAGTGAAGAAGGTCAGGTCTGTCAACTCCTTGATGGTGGCCTCTG
CTTACAAAGACAAAGTCTACTTGAATGTGACCACTGACAATACCTCCCTGGATGACTTCCATGTGAATGG
CGGAGAAGTATTCTTATCCATCAAATCCTGGTGAATTCTGTGCCTTTGA
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001297562
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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).



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Reconstitution Method:	<ol style="list-style-type: none">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_001297562.1, NP_001284491.1</u>
RefSeq Size:	3442 bp
RefSeq ORF:	402 bp
Locus ID:	7292
UniProt ID:	<u>P23510</u>
Cytogenetics:	1q25.1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1.</p>