

Product datasheet for **SC306341**

DR3 (TNFRSF25) (NM_148965) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DR3 (TNFRSF25) (NM_148965) Human Untagged Clone
Tag:	Tag Free
Symbol:	DR3
Synonyms:	APO-3; DDR3; DR3; GEF720; LARD; PLEKHG5; TNFRSF12; TR3; TRAMP; WSL-1; WSL-LR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_148965 edited
 AGGCGGAACCACGACGGGCAGAGACACGGAGCCGGAAGCCCCTGGGCGCCCGTCGGAG
 GGCTATGGAGCAGCGGCCGCGGGGCTGCGCGCGGTGGCGGCGGCGCTCCTCCTGGTGCT
 GCTGGGGGCCCGGGCCAGGGCGGCACTCGTAGCCCCAGGTGTGACTGTGCCGGTGACTT
 CCACAAGAAGATTGGTCTGTTTTGTTGCAGAGGCTGCCACGCGGGGCACTACCTGAAGGC
 CCCTTGACGGAGCCCTGCGGCACTCCACCTGCCTTGTGTGTCCCAAGACACCTTCTT
 GGCTGGGAGAACCACCATAATTCTGAATGTGCCGCTGCCAGGCTGTGATGAGCAGGC
 CTTCCAGGTGGCGCTGGAGAAGTTCAGCAGTGGCCGACACCCGCTGTGGCTGTAAAGCC
 AGGCTGGTTTGTGGAGTGCCAGGTCAGCCAATGTGTGAGCAGTTACCCCTTCTACTGCCA
 ACCATGCCTAGACTGCGGGGCCCTGCACCGCCACACAGGCTACTCTGTTCCCGCAGAGA
 TACTGACTGTGGGACCTGCCTGCCTGGCTTCTATGAACATGGCGATGGCTGCGTGCCTG
 CCCCACGCCACCCCGTCCCTTGCAGGAGCACCTGGGGAGCTGTCCAGAGCGTGTGCC
 GCTGTCTGTGGCTGGAGGACAGTAGGTGTGTTCTGGGTCCAGGTGCTCCTGGCTGGCT
 TGTGGTCCCCTCCTGCTTGGGGCCACCCTGACCTACACATACCGCCACTGCTGGCTCA
 CAAGCCCCTGGTTACTGCAGATGAAGCTGGGATGGAGGCTCTGACCCACCACCGGCCAC
 CCATCTGTCAACCTTGGACAGCGCCACACCCCTTCTAGCACCTCCTGACAGCAGTGAGAA
 GATCTGCACCGTCCAGTTGGTGGTAACAGCTGGACCCCTGGCTACCCCGAGACCCAGGA
 GGCGCTCTGCCCGCAGGTGACATGGTCCCTGGGACCAGTTGCCAGCAGAGCTCTTGGCCC
 CGCTGCTGCGCCCACTCTCGCCAGAGTCCCCAGCCGGCTCGCCAGCCATGATGCTGCA
 GCCGGGCCCGCAGCTCTACGACGTGATGGACGCGGTCCCAGCGCGGCGCTGGAAGGAGTT
 CGTGCGCACGCTGGGGCTGCGCGAGGCAGAGATCGAAGCCGTGGAGGTGGAGATCGGCCG
 CTTCCGAGACCAGCAGTACGAGATGCTCAAGCGCTGGCGCCAGCAGCAGCCCGGGGCT
 CGGAGCCGTTTACGCGGCCCTGGAGCGCATGGGGCTGGACGGCTGCGTGGAAAGACTTGGC
 CAGCCGCTGCAGCGCGGCCGTGACACGCGCCCACTTGCCACCTAGGCGCTCTGGTGG
 CCCTTGCAGAAGCCCTAAGTACGTTACTTATGCGTGTAGACATTTTATGCACTTATTA
 AGCCGCTGGCACGGCCCTGCGTAGCAGCACCAGCCGCCCCACCCTGCTCGCCCCTATC
 GCTCCAGCCAAGGCGAAGAAGCAGCAACGAATGTCGAGAGGGGTGAAGACATTTCTCAA
 CTTCTCGCCGGAGTTTGGCTGAGATCGCGGTATTAATCTGTGAAAGAAAAACAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_148965
- Insert Size:** 1650 bp
- 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).
- OTI Annotation:** The ORF of this clone has been fully sequenced and found to be a perfect match to NM_148965.1.
- 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:	<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:	NM_148965.1 , NP_683866.1
RefSeq Size:	1665 bp
RefSeq ORF:	1281 bp
Locus ID:	8718
UniProt ID:	Q93038
Cytogenetics:	1p36.31
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction
Gene Summary:	<p>The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed preferentially in the tissues enriched in lymphocytes, and it may play a role in regulating lymphocyte homeostasis. This receptor has been shown to stimulate NF-kappa B activity and regulate cell apoptosis. The signal transduction of this receptor is mediated by various death domain containing adaptor proteins. Knockout studies in mice suggested the role of this gene in the removal of self-reactive T cells in the thymus. Multiple alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported, most of which are potentially secreted molecules. The alternative splicing of this gene in B and T cells encounters a programmed change upon T-cell activation, which predominantly produces full-length, membrane bound isoforms, and is thought to be involved in controlling lymphocyte proliferation induced by T-cell activation. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>