

Specifications:

| | |
|----------------|------------------|
| Gene: | hDR3 |
| Accession: | NP_683866 |
| Insert size: | 1294bp |
| Concentration: | 10µg at 0.2µg/µL |

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

| | |
|-------------|---|
| Formulation | cDNA is provided in 10 mM Tris-Cl, pH 8.5 |
| Shipping | Ships at ambient temperature |
| Stability | 1 year from date of receipt when stored at -20°C to -80°C |
| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |

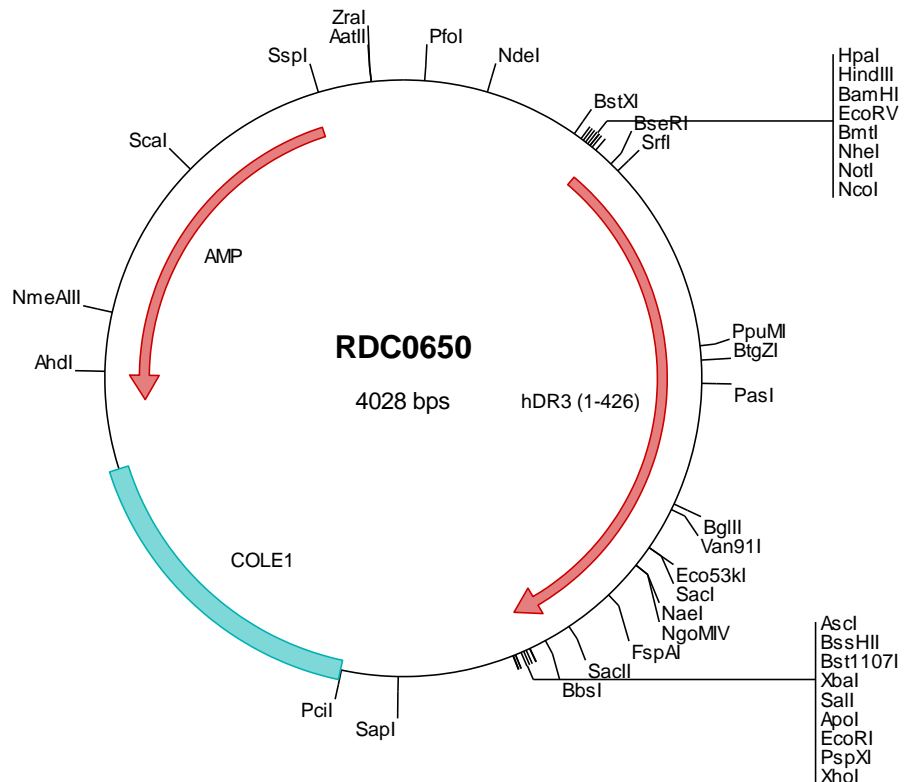
hDR3/TNFRSF25 cDNA Plasmid

TNFRSF25 tumor necrosis factor receptor superfamily, member 25 [*Homo sapiens* (human)]

Also known as: TR3; DDR3; LARD; APO-3; TRAMP; WSL-1; WSL-LR; TNFRSF12

Summary:

DR3 is a member of the TNF-receptor superfamily. It is expressed in tissues enriched in lymphocytes and may play a role in regulating lymphocyte homeostasis. The signal transduction of DR3 is mediated by death domain containing adaptor proteins. Multiple alternatively spliced transcript variants of DR3 encoding distinct proteins have been reported, some of which are secreted molecules.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0650 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 taagccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgccagggt tttccagtc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc gggcgcacc atggagcagc gaccacgggg ctgcccggcg gtggcggcgg cgtcctcct
501 ggtgctgctg ggggcccggg cacaggcgcg cactcgtagc cccagggtg actgtgcgg tgacttocac aagaagattg gtctgttttg ttgcagaggc
601 tgcccagcgg ggcaactaact gaaggcccct tgcacggagc cctgcggcaa ctccacctgc ctgtgtgtgc cccaagacac cttcttggcc tgggagaacc
701 accataaattc tgaattgtcc cctgcccagg cctgtgatga gcaggcctcc cacccttota ttggagaactg ttcagcagtg gccgacaacc gctgtggctg
801 taagccagcg tggtttgggg agtgcccaggt cagccaatgt gtcagcagtt gtcagcagtt cgtcccaacca tgcctagact ggggggccc gaccgccac
901 acacggctac tctgttcccg cagagatact gactgtggga cctgctgcc tggcttctat gaacatggcg atggctgcgt gtcctgcccc acgccacccc
1001 cgtcccttgc aggagcacc tggggagctg tccagagcgc tgtgcccgtg tctgtggctg gaggcagagt aggtgtgttc tgggtccagg tctcctggc
1101 tggccttgtg ttcccctcc cactctcgcc agagtcccga gccggctcgc cagccatgat gctgcagcgc gctcacaag cccctggtta ctgcagatga agctgggatg
1201 gaggctctga cccacacc cggccaccat ctgtcaccct tggacagcgc ccacaccctt ctgacacctc ctgacagcag tgagaagatc tgaccogtcc
1301 agttgggtgg taacagctgg acccctggct accccgagac ccaggaggcg cctgcccgc aggtgacatg gtcctgggac cagttgcca gcagagctct
1401 tggcccctct gctgcgccc cactctcgcc agagtcccga gccggctcgc cagccatgat gctgcagcgc gctcacaag gggccgcagc tctacgactg gatggacgag
1501 gtcccagcgc ggcgctggaa ggaattcgtg cgcacgctgg ggcctgcgga ggcagagatc gaagccgtgg aggtggagat cggccgcttc cgagaccagc
1601 agtacgagat gctcaagcgc tggcggcagc agcagcccgc gggcctcgga gcgcttacg cggccctgga gcgcatgggg ctggacggct cgttggaga
1701 cttgcgcagc cgcctgcagc gggcccgtta aaggcgcgcc agtatactct agagtgcaga cccggggaat tcctcgagcg ctgctctcta gcttggcgta
1801 atcatggtca tagctgtttc ctgtgtgaaa ttgttatccg ctcaaatc cacacaacat acgagccgga agcataaagt gtaagcctg ggtgctctaa
1901 tgagttagct aactcacatt aattgcgttg cgtcactgc ccgctttcca gtgcggaaac ctgtcgtgac agtgcatta atgaatcggc caacgcggcg
2001 ggagagcggg tttgcgtatt gggcgcctct cgcctcctc gctcactgac tgcctgcgct cggtcgcttc gctgcgcca gctcactcaa ctaactcaaa
2101 ggcgtaata cggttatcca cagaatcagg gataacgca gaaagaaca tgtgagcaaa aggccagcaa aaggccagga accgtaaaaa gcccgcgtg
2201 ctggcgtttt tccataggtc cgcgccctct cctcctgctc gacgagatc acaaaaatcg acgctcaagt cagaggtggc gaaaccgac aggactataa agataccagg
2301 cgtttccccc tggaaagctcc cctcgtcgct gctcctgctc gccctgcgct cttaccggat gctgtcgcg ctttctcctc tcgggaaagc tggcgtttc
2401 tcaatgctca cgtgtgaggt atctcagttc ggtgtagttc gttcgtcca agctggctg tgtgacgaa ccccccttc agcccagcc ctgccccta
2501 tccgtaact atcgtcttga gtccaaccg gtaagacacg acttatcgc actggcaga gccactggtta acaggattag cagagcaggg tatgtaggcg
2601 gtgctacaga gttcttgaag ttgtggccta actacggcta cactagaagg acagattttg gtatctgccc tctgctgaag cagttacct tcggaaaaag
2701 agttggtagc tcttgatccg gcaacaaac caccctggt agcgggtggt tttttgttg caagcagcag attacgcgca gaaaaaagg atctcaagaa
2801 gatcctttga tctttctac ggggtctgac gctcagtgga acgaaaactc acgtaaggg attttggta tgagattatc aaaaaggatc ttcactaga ttcactcaaa
2901 tccttttaaa ttaaaaatga agttttaa atctcctc caatctaaag tataatgag taaactggt ctgacagtta ccaatgctta atcagtgagg cacctatctc
3001 agcgtatctg ctatttctgt catccatagt tgcctgactc cccgtcgtg agataactac gatacgggag ggcttaccat ctggccccag tgcctcaatg
3101 ataccgcgag acccagctc accggctcca gatttatcag caataaacca gccagccgga agggccgagc gcagaagtgg tcttgaact ttatccgct
3201 ccatccagtc tattaattgt tgcgggaag ctagagtaag tagttgcga gttaatagtt tgcgcaactg tgttgcatt gctacaggca tctgtgttc
3301 acgctcgtcg tttggtagtg ctccatcag ctccggtcc caacgatcaa ggcgagttac atgatcccc atgttgtgca aaaaagcgg tgcctcctc
3401 ggtcctcga tctgttgcag aagtaagttg gccgcagtg tateactat atgcggcgac cgactgcata attctctac tgtcatgca tccgtaagat
3501 gctttctgt gactggtgag tactcaacca agtcatctg agtcatctg agaattagt atgcggcgac cgagttgctc ttgcccggcg tcaatacggg ataataccc
3601 gccacatagc agaactttaa aagtgtctat cattggaaaa cgttcttcgg gtcgaaaact ctcaaggatc ttaccgctgt tgagatccag tctgatgtaa
3701 cccactgcg caccacaact atcttcagca tcttttact tccaccgctg ttcgggtgga gcaaaaacag gaaggcaaaa tggcgaataa aagggaataa
3801 gggcgacagc gaaatgttga atactcatac tcttcttt tcaatattat tgaagcatt atcaggggta ttgtctcatg agcggataca tatttgaatg
3901 tatttagaaa aataaataa taggggttcc gcgcacatt cccgaaaa gtcaccctga cgtctaagaa accattatta tcatgacatt aacctataa
4001 aataggcgta tcacgagcc cttctgct

> RDC0650 Translated Insert Sequence

1 meqrprgcaa vaaalllvll garagggtrs prcdcaqdfh kkiglfccrg cpaghylkap ctepcgnstc lvcpqdtfla wenhhnseca rcqacdeqas
101 qvalencsav adtrcgckpg wfvecqvsqc vsssfycqp cldcgalhrh trllcsrrdt dgtclpgyf ehgdgcvscp tpppslagap wgavqsavpl
201 svaggrvgvf wvqllaglv vplllgatlt ytyrhcwphk plvtadeagm ealtpppath lspldsahlt lappdsseki ctvqlvgnsw tpyypetgea
301 lcpqvtswd qlpsralgpa aaptlspesp agspammllqp gpqlydvmda vparrwkefv rtlglreaei eaveveigrf rdqyemlkr wrqqpaglg
401 avyaalermg ldgcvedlrs rlqrqp