

Product datasheet for **MR228391**

Cd27 (NM_001286753) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd27 (NM_001286753) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cd27
Synonyms: S152; Tnfrsf7; Tp55
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR228391 representing NM_001286753
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

**ATGGCATGGCCACCTCCCTACTGGCTCTGCATGCTGGGACCTTGGTAGGACTCTCAGTACCCTAGCCC
CAAACAGCTGTCCAGACAAACTACTGGACTGGGGAGGACTCTGCTGCCGGATGTGTGAGCCAGGTAC
ATTCTTTGTGAAGGACTGTGAACAAGACAGAACAGCTGCTCAGTGTGATCCCTGTATACCAGGCACCTCC
TTCTCTCCAGACTACCACACCCGCCCCACTGCGAGAGCTGCAGGCATTGTAACCTCTGAGAAGCCATCCT
GGCCCTACACAGGCAGCTTCCCAACTCGACTGTCTATAGCCAGCGGTACCCATAGACCCCTGTGCAG
CTCGGACTGCATCCGGATCTTTGTGACCTTCTCCAGCATGTTTCTTATCTTCGTCCTGGGTGCAATCTTG
TTCTTCCATCAAAGAAGAAACCACGGGCCAAATGAAGACCGGCAGGCAGTGCCTGAAGAGCCTTGTCCTT
ACAGCTGCCCCAGGGAAGAGGAGGGCAGTGCTATCCCTATCCAGGAGGACTACCGGAAACCCGAGCCTGC
TTTCTACCCT**

**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA**

Protein Sequence: >MR228391 representing NM_001286753
Red=Cloning site Green=Tags(s)

MAWPPPYWLCMLGTLVGLSATLAPNSCPDKHYWTGGGLCCRMCEPGTFFVKDCEQDRTAQCDPCIPGTS
FSPDYHTRPHCESCRHCNSEKPSWPLHRQLPNSTVYSQRSRPLCSSDCIRIFVTFSSMFLIFVLGAIL
FFHQRRNHGPNEDRQAVPEEPCPYSCPREEEGSAIPIQEDYRKPEPAFYF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Reconstitution Method:

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_001286753.1](#), [NP_001273682.1](#)

RefSeq Size: 1396 bp

RefSeq ORF: 573 bp

Locus ID: 21940

Cytogenetics: 6 59.32 cM

MW: 22.1 kDa

Gene Summary: Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SIVA1.[UniProtKB/Swiss-Prot Function]