

Product datasheet for **RC219545**

CD53 (NM_001040033) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD53 (NM_001040033) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CD53
Synonyms:	MOX44; TSPAN25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC219545 representing NM_001040033 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCATGAGTAGCTTGAACTGCTGAAGTATGTCCTGTTTTCTTCAACTTGCTCTTTGGATCTGTG
GCTGCTGCATTTTGGGCTTTGGGATCTACCTGCTGATCCACAACAACCTTCGGAGTGCTCTCCATAACCT
CCCCTCCCTCACGCTGGGCAATGTGTTTGCATCGTGGGCTCTATTATCATGGTAGTTGCCTTCCTGGC
TGCATGGGCTCTATCAAGGAAAACAAGTGTCTGCTTATGTCGTTCTTCATCCTGCTGCTGATTATCTCC
TTGCTGAGGTGACCTTGCCATCCTGCTCTTTGTATATGAACAGAAGCTGAATGAGTATGTGGCTAAGGG
TCTGACCGACAGCATCCACCGTTACCACTCAGACAATAGCACCAGGAGCGTGGGACTCCATCCAGTCA
TTTCTGCAGTGTGTGGTATAAATGGCACGAGTATTGGACCAAGTGGCCACCAGCATCTTGCCCTCAG
ATCGAAAAGTGGAGGGTTGCTATGCGAAAGCAAGACTGTGGTTTCATTCCAATTTCTGTATATCGGAAT
CATCACCATCTGTGTATGTGATTGAGGTGTTGGGGATGTCCTTTGCACTGACCCTGAAGTCCAGATT
GACAAAACCAGCCAGACCATAGGGCTA

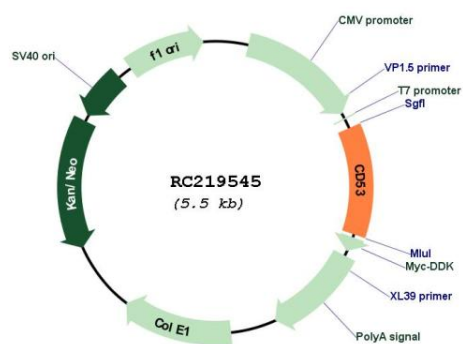
ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001040033.1</u> , <u>NP_001035122.1</u>
RefSeq Size:	1572 bp
RefSeq ORF:	660 bp
Locus ID:	963
UniProt ID:	<u>P19397</u>
Cytogenetics:	1p13.3
Protein Families:	Transmembrane
MW:	24.3 kDa
Gene Summary:	<p>The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. It contributes to the transduction of CD2-generated signals in T cells and natural killer cells and has been suggested to play a role in growth regulation. Familial deficiency of this gene has been linked to an immunodeficiency associated with recurrent infectious diseases caused by bacteria, fungi and viruses. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]</p>

Product images:



Circular map for RC219545