

## Product datasheet for **RC213324**

### CD151 (NM\_001039490) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CD151 (NM\_001039490) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** CD151  
**Synonyms:** GP27; MER2; PETA-3; RAPH; SFA1; TSPAN24  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC213324 representing NM\_001039490.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGTGAGTTCAACGAGAAGAAGACAACATGTGGCACCCTTGCCTCAAGTACCTGCTGTTACCTAC
AATTGCTGCTTCTGGCTGGCTGGCTGGCTGTCATGGCAGTGGGCATCTGGACGCTGGCCCTCAAGAGT
GACTACATCAGCCTGCTGGCCTCAGGCACCTACCTGGCCACAGCCTACATCCTGGTGGTGGCGGGCACT
GTCGTCATGGTACTGGGTCTTGGGCTGCTGCCACCTTCAAGGAGCGTCGGAACCTGCTGCCCTG
TACTTCATCCTGCTCCTCATCATCTTTCTGCTGGAGATCATCGTGGTATCCTCGCTACGCTACTAC
CAGCAGCTGAACACGGAGCTCAAGGAGAACCTGAAGGACACCATGACCAAGCGCTACCACCAGCCGGGC
CATGAGGCTGTGACCAGCGCTGTGGACCAGCTGCAGCAGGAGTCCACTGCTGTGGCAGCAACAACCTCA
CAGGACTGGCGAGACAGTGAGTGGATCCGCTCACAGGAGCGCGGTGGCCGTGTGGTCCCAGACAGCTGC
TGCAAGACGGTGGTGGCTCTTTGTGGACAGCGAGACCATGCTCCAACATCTACAAGGTGGAGGGCGGC
TGCATACCAAGTTGGAGACCTTCATCCAGGAGCACCTGAGGGTCATTGGGGCTGTGGGGATCGGCATT
GCCTGTGTGACAGGTCTTTGGCATGATCTTCACGTGCTGCCTGTACAGGAGTCTCAAGCTGGAGCACTAC
AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
```

**Protein Sequence:** >Peptide sequence encoded by RC213324  
Blue=ORF Red=Cloning site Green=Tag(s)

```
MGEFNEKTTTCGTVCLKYLLFTYNCCFWLAGLAVMAVGIWTLALKSDYISLLASGTYLATAYILVVAGT
VVMVTGVLGCCATFKERRNLLRYFILLIIIFLLEIIAGILAYAYYQQLNTELKENLKDNTMKRYHQPG
HEAVTSAVDQLQQEFHCCGSNNQDWRDSEWIRSQEAGGRVVPDSCCKTVVALCGQRDHASNIYKVEGG
CITKLETFIQEHLRVIGAVGIGIACVQVFGMIFTCCLYRSLKLEHY
SGPTRRTRPLEQKLISEEDLAANDILDYKDDDDKV
```





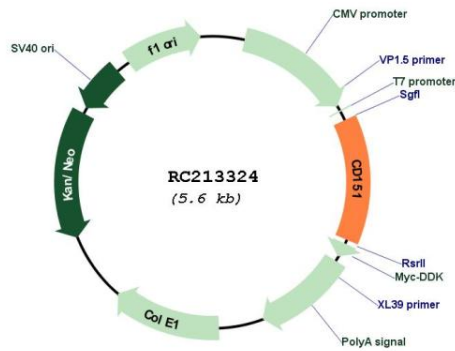
**Cytogenetics:** 11p15.5

**Protein Families:** Druggable Genome, Transmembrane

**MW:** 28.3 kDa

**Gene Summary:** 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 and other transmembrane 4 superfamily proteins. It is involved in cellular processes including cell adhesion and may regulate integrin trafficking and/or function. This protein enhances cell motility, invasion and metastasis of cancer cells. Multiple alternatively spliced transcript variants that encode the same protein have been described for this gene. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for RC213324