

## Product datasheet for **RG206463**

### CD177 (NM\_020406) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CD177 (NM_020406) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CD177
Synonyms:	HNA-2a; HNA2A; NB1; NB1 GP; PRV-1; PRV1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206463 representing NM_020406 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGCCCGGTACTACTGCTGGCCCTCCTGGGTTTCATCCTCCCACTGCCAGGAGTGCAGGCGCTGCTCT  
GCCAGTTTGGGACAGTTTCAAGTGTGTGGAAGGTGTCGACCTGCCCGGCAATGGACCCCTAAGAACAC  
CAGCTGCGACAGCGGCTTGGGGTCCAGGACACGTTGATGCTCATTGAGAGCGGACCCCAAGTGAGCCTG  
GTGCTCTCCAAGGGCTGCACGGAGGCCAAGGACCAGGAGCCCGCTCACTGAGCACCAGGATGGGCCCG  
GCCTCTCCCTGATCTCTACACCTTCGTGTGCCCCAGGAGGACTTCTGCAACAACCTCGTTAACTCCCT  
CCCGCTTTGGGCCCCACAGCCCCAGCAGACCCAGGATCCTTGAGGTGCCAGTCTGCTTGTCTATGGAA  
GGCTGTCTGGAGGGGACAACAGAAGAGATCTGCCCAAGGGGACCACACTGTTATGATGGCCTCTCA  
GGCTCAGGGGAGGAGGCATCTTCTCCAATCTGAGAGTCCAGGGATGCATGCCCCAGCCAGGTTGCAACCT  
GCTCAATGGGACACAGGAAATGGGCCCGTGGGTATGACTGAGAAGTGAATAGGAAAGATTTTCTGACC  
TGTCATCGGGGACCACCATTATGACACACGAAAATTGGCTCAAGAACCCTGATTGGACCACATCGA  
ATACCGAGATGTGCGAGGTGGGGCAGGTGTGTCAGGAGACGCTGCTGCTCCTAGATGTAGGACTCACATC  
AACCTTGGTGGGGACAAAAGGCTGCAGCACTGTTGGGGCTCAAAATCCCAGAAGACCACCATCCACTCA  
GCCCTCCTGGGGTCTTGTGGCTCCTATACCCACTTCTGCTCCTCGGACCTGTGCAATAGTGCCAGCA  
GCAGCAGCTTCTGCTGAACCTCCCTCCTCAAGCTGCCCTGTCCCAGGAGACCGGCAGTGTCTCTAC  
CTGTGTGCAGCCCTTGAACCTGTTCAAGTGGCTCCCCCGAATGACCTGCCCCAGGGGACCACACTCAT  
TGTTATGATGGGTACATTCATCTCTCAGGAGGTGGGCTGTCCACAAAATGAGCATTGAGGGCTGCGTGG  
CCCAACCTTCCAGCTTCTTGTGAACACACCAGACAAAATCGGGATCTTCTCTGCGCGTGAGAAGCGTGA  
TGTGCAGCCTCTGCCTCTCAGCATGAGGGAGGTGGGGCTGAGGGCCTGGAGTCTCTCACTTGGGGGTG  
GGGCTGGCACTGGCCCCAGCGCTGTGGTGGGGAGTGGTTGCCCTTCTGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA





**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\\_020406.2](#), [NP\\_065139.2](#)

**RefSeq Size:** 2364 bp

**RefSeq ORF:** 1314 bp

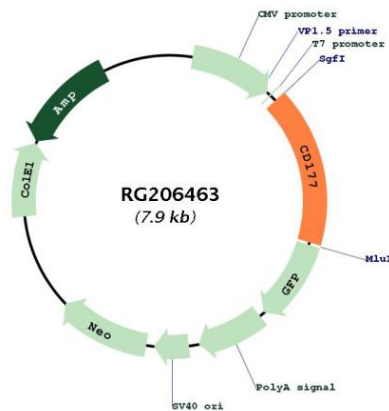
**Locus ID:** 57126

**UniProt ID:** [Q8N6Q3](#)

**Cytogenetics:** 19q13.31

**Gene Summary:** This gene encodes a glycosyl-phosphatidylinositol (GPI)-linked cell surface glycoprotein that plays a role in neutrophil activation. The protein can bind platelet endothelial cell adhesion molecule-1 and function in neutrophil transmigration. Mutations in this gene are associated with myeloproliferative diseases. Over-expression of this gene has been found in patients with polycythemia rubra vera. Autoantibodies against the protein may result in pulmonary transfusion reactions, and it may be involved in Wegener's granulomatosis. A related pseudogene, which is adjacent to this gene on chromosome 19, has been identified. [provided by RefSeq, Apr 2014]

### Product images:



Circular map for RG206463