

Product datasheet for **RN217232**

Cd177 (NM_001191948) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd177 (NM_001191948) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cd177
Synonyms:	RGD1562941
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217232 representing NM_001191948
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAATCCTATGCCAGTCTGACCTCTGGGGTTCAGCACCTTGTACCTGTGTCCCAGCTCTGATCT
 GCCAGAGAGGCAGAATACAGACCGTGAGGAACGAGTCAGAGCTGCCCTCGAGTGGGGGACGGGTGAGAA
 AGCTTTCGAGGTCGGCGAGGGTTGCCAAGATGTGGTGTGCTCCTACACAATGGACCCCTGATCAACTTG
 GTGATCATCAAGGGCTGCATAAAGGCTGAGGACCAAGAGCCTCGGGTTACCTGGCTCAGTACAGGCCCTG
 GGCTCTCTGTCGTCCTACACACATGTGTGTCGCCATGGTGACCTCTGTAACAATGCATCCAGCACCAG
 GATCCTTGAGGACCTATCCACACCCACAGTCCCAGGGTCCCTGCGCTGCCCGCTCTGCCTTTCTAACAAT
 GACTGTGAGAATGCACCAGAACAGGTCTGCCCTGTAGGAAGCATATACTGCTACAATGGAGTCTCAGGC
 TCAGGGGAGAAGGCATCAGGACCAATCTCAAGTCCAGGGCTGCATGGCCAGCCAGGCTGCAACCTGCT
 CAATGGCACCCACAGCAGTTGGGACCTTGGATATGAGTAAAAGTGGTCTTCAGTTAGGTCCGACAGGCT
 CTGGACTGCAACAGTCCGAGTTTGGACATTGTGAAGGACGTATCTGATCTGCACCTGAGCTGGACGACTG
 GCTGGAACCTGCGAGGCTGACGAGGGGTGTTACGAAACAGTATGCTAATACAGAATGGACAAGAAAT
 TCATATGGCTCTCACTAAGGGATGTACTAGCAGTGTAAACAGAGAGGCTCAACTCACCAGGCATAGAACA
 GGTCCGGGAATCTCCATCGTCTCCTACGTCCATGTATGTGCGAACGGGGACTTCTGTAATGACCTGTCTT
 CAACGGAACTCTCTGGATCCC GCCCTTGACACAGTCCCAGGGACTCTGCGCTGCCACACTGCCTTTC
 AACCGTGACTGTGAGAATGCACCGGAGCAGGTCTGCTCTGAAGGCACACACTGCTACAATGGAGTCTC
 AGGCTCCGGGGAGGAGGGTTCACTCTGATCTGAAGGTACAGGGATGCACGTCCCAGTCCCAGTCCCAGT
 CAGACTGCAACCTGCTCAACGGCATCCAGACAATCGGACCCATAAACTACATGAGAGTGGTGGTTTCA
 TTTAGAGTCTCTGAAATGCCAGCATGGGACACTGGAGGACGTGCAGCATATATCGAAACTTCTCTCCAG
 TGGACAGCTGAGCAGAAAACCTGTAATGTAGGTGAAGGCTGCCAAGACACGCTGGTGATAATAGAGAACG
 GAGAGCACGTGAATTTGGTTCTCACAAGGGCTGCACTGCCGCTGAGGACCACAAGGCCAAAGTACGGA
 ACACAGGACTGGCCGGGGTGGCTGTCTCTACACCCGAGTATGCCGTGAAAAAGACTTATGCAAT
 GACCTGTCTACCACAGTCCCTCTCTGGCTCCACCTCCGGTGACAGCCCCAGGGAACACAGTGTCTCTC
 TCTGTTTTACTGCACAAGCCTGCGAGAATGCTCCAGAGCAGTTCTGCCCTGCAGGACGACGCACTGCTA
 CAGTGGAGTCTCAGCCTCAGGGGAGGAGATCATCTCAAACCTCAAGGTGCAGGGCTGTATGTCCAG
 CCAGGCTGCAACCTGCTCAATGGCACACAGAAAATCGGACCTGTGGATGTGAGTGAGGACTGCAGCCCTC
 GGTCAAATCTCTGACCTGTACAGGGGACCATGTTGAAGATTGGCAATGGCTTGGCTGAGAAAAGCTGT
 CGAGTGGACTCCACTGTCTGCTCAGGTGTGTGAACCTGATGAGATATGTCAGGAGACGCTGCTGCTCATA
 GATGTAGGACAAAATCAGCCCTCCTGGGGAGCAAAGGCTGCAGCAGTCTGGAGCACAGAACGATGTTG
 GTGTCTCCATATCTCCCGCCACCTGGGATGGTGGTAGCTTCTATACCCGGTTCTGTTCTCCAACT
 GTGCAATGCAGCCAGCAGCACCAGCGTCTCTAAGCAACCTCCCTCGTCCAGAGGTCTTCCCCAGGA
 AGTGTGAAGTGTCCCGTGTGTACAGTTATTCAGATCCTGCTTTCAGACGTCTGACTTTGTACCTGTCT
 CTCGGGGCCCACTACTGTTATAGAGGTGACATCGCGCTAAGAGGAGGTGGACTGTCTCCACATTGAG
 CATTGAGGGGTGCATGGCCTCACCTGTCAAATCATTATTGGGTAACCCAAAACAATTGGGATCCTCTCG
 GCAAAGGAGAGCTCTGAGAATGAGCGTGGGGATGAAGATGATGAGAAGCCTCTTCTTGTGGTGCCTCAG
 CCTCTCCCCGGCTCCATGTTAGGGCTCCTGGTTCTTCTCAGCTCTTTGTGTGGAATTTGCTCT
 CCACTGA

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001191948
Insert Size: 2457 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
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_001191948.1, NP_001178877.1</u>
RefSeq Size:	2713 bp
RefSeq ORF:	2457 bp
Locus ID:	499099
Cytogenetics:	1q21