

Product datasheet for **RN208403**

Cdon (NM_017358) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdon (NM_017358) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdon
Synonyms:	Cdo
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208403 representing NM_017358 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCATCCAGACCTCGGACCCCTTATGGAACTGCTGTATGTTCTTGATCTGTGTTCTTCTGTGAGCT
CAGACTTGGCACTTATTTTATTTCTGAGCCACTCTCTGCTGTCCAGAAGCTTGGCAGACCCGTGGTCTCT
ACATTGTTCTGCTAAACCTGTTACTGCCGAATCTCATGGTTGCATAATGGAAAACGATTGGACAGAAAC
ACAGAACAGATAAAGATCCACCGGGGACTTTGACCATTCTGTCTCTCAACCTTCCCTTTCTGGTTGCT
ACCAAGTGTGTGGCAACAACAGTGTGGGGCTGTTGTGAGTGGCCCTGCCACAGTGTCCGCTGACGCCCT
GGCTGATTTGATTTCATCAACAATGCATGTTATTACTGCAGAGAAGAAAAACACGGGTTTCATTGGCTGC
AGGGTACCTGAGAGTAACCCCAAAGCTGAGGTGCCTACAAGATCCGGGGAAAGTGGCTGATGTATTCCA
CAGGGAACACATAATCCTTCCCTCAGGAAATCTTCAGATTTTGAATGTATCCTCGAAGGATAAGGGATC
GTACAAGTGTGCTGCCTATAATCCTGTCAACAGTGAAGTGAACCCGCTGGCCGGAAGCTCCTT
GTGAGTCGTCCTTCTCGGATGGTTTTACATTCTTACCCTGCTCTTCTCAGGCATTAGCTGTCTTC
CGCACAGCCCTGTTACCTTGGAGTGTGTAGTGAAGTGGGTCCCGCCTCACAAGTGTATTGGCTGAAGGA
CGGGCAGGATTGCCTGTGAGGAAGCAACTGGAGAAGGCTGACTCTCACCTGGCCACAGCTAGCATCGAC
CCAGCGGATTCCGGGAATTTCTGTGTGGTGGGCAACAACAGTTCGGGAGATGTTAAACACGTCACTT
ACACAGTCAACGTACTGGAGCACGCTTCAATTTCTAAAGGGCTGCACGATCAGAAGGTGTCCCTGGGGGC
CACCGTACGTTTTACCTGCGAAGTTCACGGGAACCCAGCCCCAACCGCACCTGGTTTCATAACGCACAG
CCCATCCGCCCTCCTCACGGCATCTGACGGAAGGAAGTGTCTGAAGTACCGGGGTATCATGGAGG
ATTCTGGGTTGTATCAGTGCATGGCAGACAATGGGATTGGATTTATGCAATCTACTGGAAGACTTCAAAT
TGAACAAGACAGTGGACAGAGGCCTGTATAGTCAACGCCCCAGCAAACGTAGAGGTGACGGACGGAGAC
TTCGTGACTTTGTCTTGAATGCCACAGGAGAGCCTGTCCCGTCATTATTGGTACGGCCGCCATGGAT
TGATAACCAGCCATCCATCTCAGGTCCTTAGGTCAAATCTCGAAAGTCCACCTCTTCCGACCTGGGA
CCTGGACCGGAGCCTGTCTACCTCATCATGTCCAAGCGGGCTCGAGCTCTCTGTCCATCCAGGCAGTG



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ACTCGGGAGCATGCTGGGAAATACACTTGCGAAGCTGTGAACAAACATGGCAGCACACAGTCAGAAGCGT
 TCCTCACAGTCGTTCTTTTGAACAAACACAAAGGCAGAGCCAGTCACACCCTCCGAAGCTTCTCAGAA
 CGATGAACGAGACCCACGAGACGGTTCCAGAGTCCGGCTTGCTGAAGTTGTTTCCAGTGAAGGTGCATTCC
 GGTGGAGTGGAATTGCCAGCAGAGAAAAATGCCTCTGTCCCGATGCTCCTAACATACTGAGCCCCCAC
 AGACCCACATGCCAGACACATACACCCTGGTGTGGAGGACGGGGAGGGATGGCGGAATGCCATCAACGC
 CTATTTTCGTGAAGTACCGAAAGCTGGACGACGGCAGTGGTGGGTAGGCAGCTGGCACACGGTTCCGCTC
 CCAGGGAGTGAGAGCGAGCTGCATCTAACCGAAGTGGAGCCTTCAAGCCTTTATGAAGTTTGTGTTGGTGG
 CCAGAAGTGCAGTCGGCGAAGGACAGCCTGCCATGCTTACCTTCCGGACCAGCAAAGAAAAAGATGGCATC
 ATCAAAAAACACCCAGGCGTCCTTTCCACCTGTGGGCATCCCTAAGCGGCTGTAAGTTCCGAGGCTTCC
 AACAGCAATTTTGGAGTTGTGCTTACGGATTCTCTAGGCATAGTGGAGTCCAGAGGCACCAGATCGAC
 CTACTATCTCGATGGCATCGGAGACCTCAGTCTATGTCACCTGGATTCCCGTGCAATGGCGGCTCTCC
 CATCACTGCCTTCAAGGTGGAATATAAGCGGATGAAAAGTAGTACTGGTGGTGGCTGCTGAAGACATC
 CCTCTTCCAACTCTCTGTGGAAGTCCGGAGTTTAGAGCCAGGTTTCGATATACAAATTTAGGGTCATTG
 TTATCAACCATTACGGTGAGAGTTTTCGGAGCTCGGCGTCCCGTCCCTACCAGGTGGCTGGTTTCCCAA
 TCGCTTTTCCAATCGCCCATAACTGGACCTCACATCGCATACACAGAGGCTGTACGCGATACTCAGATC
 ATGCTAAATGGACGTATATTCCATCAAGTAACAATAAAGTCCCATTCAGGATTCTATATCTATTACC
 GGCCAACAGACAGTGACAATGACAGTGATTACAAGAGGGATGTTGTGGAAGGTTCAAAGCAGTGGCACAC
 CATTGGTCACCTGCAGCCAGAGACCTCCTATGACATTAAGATGCAGTGCTTTAATGAAGGAGGAGAGAGC
 GAGTTCAGCAACGTGATGATCTGCGAGACTAAAGTGAAACGAGTTCGCGAGCATCGGAGTATCCCATGA
 AAGAGTTGAGCACTCCTCCAGTTCTTCAGGGAACGGAGGGAACGTGGGGCTGCAACAGCCCTGCCAG
 GAGCAGCGACATGCTGTACCTCATCGTCGGCTGTGTGCTTGGGGTTATGGTCTCATTCTTCTGGTCTTC
 ATTGCACTGTGTCTGTGGAAGAGTCGCCAACAGAGTGCCATACAGAAATATGATCCTCCAGGATATCTCT
 ACCAGGGTTCAGAGATTAATGGGCAGATGGTAGAGTATACCACTCTCTCAGGAACAGCCCGGATCAATGG
 GAGTGTTTACGGAGGCTTCTCAGCAAAGGCAGTCTCAGCAATGGCTGCTCTCACCTCCACCACAAAGGC
 CCAACGGAGTCAATGGGATCCTGAATGGAACATAAATGGGGGGCTTTATTCTGCACACACCAGTCCC
 TAACCAGGACGTGTGAGGAGTTCGAACATCCTCACCATCTAGTGAACGGTGGAGCAGTGTACACGGCTGT
 CCCTCAGATGGACCCACTGGAATGCATTAATTGTGCGAATTGCCGGAACAACAATAGGTGTTTACCAAAA
 ACCAACAGTCCCCTTCTGTGGTCCCAGTGGTAGCCTCTTATCCTCAGGATGGACTGGAATGAAGCCCC
 TCGGTGTCATGAAGTTCCAGTGTGTCCAGTTTCCACAGTTCTGATGGTGGCCAGATACCTGAGGAGTG
 CCTCAAGGACAGCGTGGCACCAGCACCTACCCAGCGTACATGCCGCCAGGACAACAAGCGACATCAAT
 TCTGATCCACAGAAGACACAGCAGAGTTCAACAGAGGAGACAGCAGCGTCATTAGAAGCAGAGGACA
 AAGTTTTTCAGTTGGAGTCTCTTATTTTATCACCTGTCTTGGAGGACTGCAGTGAGAAGACAGCGTGGTC
 TCCTCCTGGCCCCCTCTAGACGGGCTGTCACTGGTCTTTCAGCAAGCCCAAGAGACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_017358

Insert Size:

3771 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).

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:

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_017358.1](#), [NP_059054.1](#)

RefSeq Size: 4573 bp

RefSeq ORF: 3771 bp

Locus ID: 50938

UniProt ID: [O35158](#)

Cytogenetics: 8q21

Gene Summary: cell surface glycoprotein of the Ig superfamily [RGD, Feb 2006]