

## Product datasheet for **RC202234**

### CD164 (NM\_006016) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CD164 (NM_006016) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CD164
Synonyms:	DFNA66; endolyn; MGC-24; MGC-24v; MUC-24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC202234 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCGGGCTCTCCCGCTCACTGCTTTGGGCCGCCACCTGCCTGGGCGTCTGCGTGTCTCCGCGG  
ACAAGAACACGACCCAGCACCCGAACGTGACGACTTTAGCGCCATCTCCAACGTAACCTCGGCGCCGGT  
GACGTCCTCCCGCTGGTCACTCCGGCACCAGAACTGTGAAGGTCGAAACAGCTGCGTTTCCTGT  
TTAATGTTAGCGTTGTTAATACTACCTGCTTTGGATAGAATGTAAGATGAGAGCTATTGTTACATA  
ACTCAACAGTTAGTGATTGTCAAGTGGGAACACGACAGACTTCTGTTCCGTTTCCACGGCCACTCCAGT  
GCCAACAGCCAATTCTACAGCTAAACCCACAGTTCAGCCCTCCCCTTCTACAACCTCCAAGACAGTTACT  
ACATCAGGTACAACAAATAACACTGTGACTCCAACCTCACAACCTGTGCGAAAGTCTACCTTTGATGCAG  
CCAGTTTCATTGGAGGAATTGTCTGGTCTTGGGTGTGCAGGCTGTAATTTCTTTCTTTATAAATTCTG  
CAAATCTAAAGAACGAAATTACCACACTCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC202234 protein sequence Red=Cloning site Green=Tags(s)
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MSRLSRLLWAATCLGVLVLSADKNTTQHPNVTTLAPISNVTSAPVTSLPLVTTTAPETCEGRNSCVSC  
FNVSVVNTTCFWIECKDESYCSHNSVSDCQVGNTTDFCSVSTATPVPTANSTAKPTVQPSPTTSTKTVT  
TSGTTNNTVTPTSQPVRKSTFDAAASFIGGIVLVLGVAIVFFLYKFCCKSKERNYHTL

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV



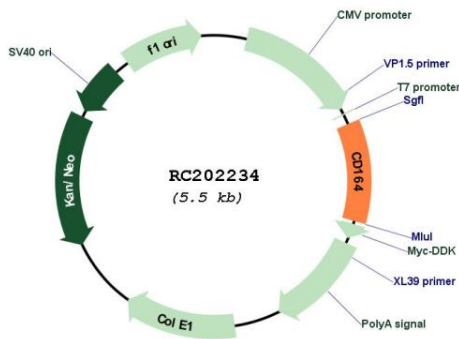
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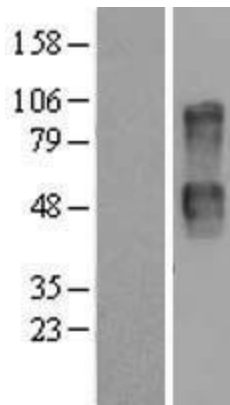
**UniProt ID:** [Q04900](#)  
**Cytogenetics:** 6q21  
**Protein Families:** Secreted Protein, Transmembrane  
**Protein Pathways:** Lysosome  
**MW:** 20.9 kDa

**Gene Summary:** This gene encodes a transmembrane sialomucin and cell adhesion molecule that regulates the proliferation, adhesion and migration of hematopoietic progenitor cells. The encoded protein also interacts with the C-X-C chemokine receptor type 4 and may regulate muscle development. Elevated expression of this gene has been observed in human patients with Sezary syndrome, a type of blood cancer, and a mutation in this gene may be associated with impaired hearing. [provided by RefSeq, Oct 2016]

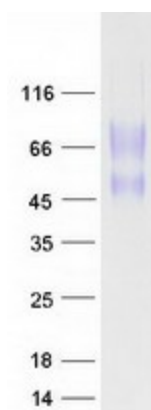
### Product images:



Circular map for RC202234



Western blot validation of overexpression lysate (Cat# [LY416885]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202234 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified CD164 protein (Cat# [TP302234]). The protein was produced from HEK293T cells transfected with CD164 cDNA clone (Cat# RC202234) using MegaTran 2.0 (Cat# [TT210002]).