

Product datasheet for **RR200279**

Ceacam1 (NM_001033860) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ceacam1 (NM_001033860) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ceacam1
Synonyms:	Bgp; BGPR; Ccam1; CD66a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR200279 representing NM_001033860
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTAGCCTCGGCTCGTCTCCTCAGAGGGCAGATTCCCTGGAGGGGACTACTGCTCACAGCCTCAC
 TTTTAACCTACTGGAGCCCTCTCACCCTGCCCCAAGTCACCGTAGACGCTGTGCCACCAACGTTGTTGA
 GGAGAAGAGCGTTCTTTACTCGCTCACAATCTGCCGCGAGGAGTTCGAAGCTTTTACTGGTACAAGGGA
 ACCACTTTGAATCCAGACAGTGAATTTGCACGATATATAAGATCCGATAATATGAGTAAACAGGACCTG
 CATACAGCGGCAGAGAGACAATATACAGCAATGGATCCTTGTCTTCCAAAATGTCAACAAGACTGACGA
 GAGAGCCTACACACTATCTGTGTTTGTCAACAATTTAATCCTATACAAACGTCTGTGCAATTTCTGTGA
 TACCCCGCATTACAAAAGCCCAACGTACAGGTAACAACCTCAATCCCATGGAGGGTGAGCCCTTCGTAT
 CATTAAATGTGTGAACCGTACACTAACAATACCAGTACCTGTGGAGCAGAAATGGTAAAGCCTCTCAGA
 AGGTGACAGGGTGACGTTCTCTGAGGGCAACAGGACTCTCACTTTACTCAACGTACAGGAGACTGACAAA
 GGATACTATGAGTGTGAAGCCCGGAACCCAGCGACTTTCAATCGAAGTGACCCATTCAACCTGGAGGTTA
 TCTATGGTCCGGACGCCCGATTATATCCCTCCAGATATTTATTTGCATCAAGGGTCAAACCTCAACCT
 CTCTGCCATGCAGACTTAACCTCCCGCACAGTACTTTGGCTTATCAATGAGAAGCTCCAGACATCC
 TCCAAGAGCTCTTTATCTCAACATCACTACTAACAATAGCGGAACCTATGCCTGCTTCGTCAATAACA
 CTGTCACTGGCCCTCAGTCGCACCACAGTCAAGAACATTACAGTCTTTGAGCCAGTGACTCAGCCCTCCAT
 CCAATACCAACACCACAGTCAAAGAAGTGGCTCTGTGACCCTGACCTGCTTCTCAAAGGACTGGA
 GTCTCCGTCGGTGGCTTTTCAATAGCCAGAGTCTGCAGCTCACAGACAGGATGACGCTCTCCAGGACA
 ACAGCACCTCAGAATAGACCCTATTAAGAGAGAAGATGCCGGGGACTATCAGTGTGAGATCTCCAACCC
 GGTCAGTTTCAGGATAAGTCACCAATCAAGCTGGACGTAATACCTGATCCAACACAAGGAAATTCGGC
 CTCTCAGAGGGTGCCATTGCAGGATTGTGATTGGATCTGTGGCTGGAGTGGCCCTAATAGCAGCGCTGG
 CATACTTCCTTTATTCCAGGAAGACTGGCGGGGAAGTACCATCGAGATCTCACAGAGCACAAACCTC
 AACCTCCAGCCACAATCTGGTCCTTCTGACGACTCTCCTAACAAGGTGGATGACGTCTCATACTCTGTC
 CTGAACCTCAATGCCAGCAATCCAACGACCAACTTCAGCCTCTTCAAGCCCCACAGAAACAGTTTATT
 CGGTAGTCAAAAAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR200279 representing NM_001033860
 Red=Cloning site Green=Tags(s)

MELASARLLRGQIPWRGLLL TASLLTYWSPLTTAQVTVDVAPPNVVEEKSVLLL AHNLPQEFQVFWYWK
 TTLNPDSEIARYIRSDNMSKTGPAYSGRETIYSNGSLFFQNVNKTDERAYTL SVFDQQFNPIQTSVQFRV
 YPALQKPNVTGNNSNPMEGEPFVSLMCEPYTNNTSYLWSRNGESLSEGDRVTFSEGNRTL TLLNVRRTDK
 GYYECEARNPATFNRSDFNLDVIYGPDAVISPDIYHLHQSNLNL SCHADSNPPAQYFWLINEKLQTS
 SQELFISNITNNSGTYACFVNNTVTGLSRTTVKNITVFEPVTQPSIQITNTTVKELGSVTLTCFSKDTG
 VSVRWLFNSQLQLTDRMTLSQDNSTLRIDPIKREDAGDYQCEISNPVSFRISHPIKLDVIPDPTQGN
 LSEGAIAGIVIGSVAGVALIAALAYFLYSRKTGGGSDHRDLTEHKPSTSSHNLGSPDDSPNKVDDVSYSV
 LNFNAQQSKRPTSASSSPTETVYSVVKKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001033860

ORF Size: 1557 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001033860.1](#), [NP_001029032.1](#)

RefSeq Size: 3573 bp

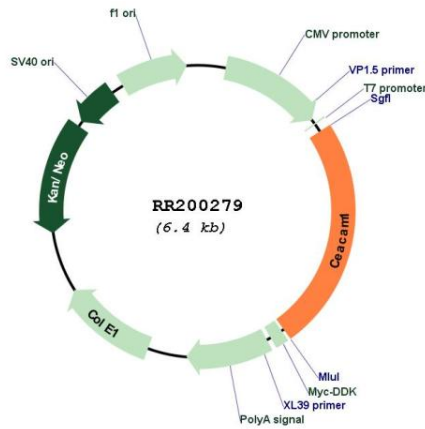
RefSeq ORF: 1560 bp

Locus ID: 81613

UniProt ID: [P16573](#)

Cytogenetics: 1q21
MW: 57.4 kDa
Gene Summary: glycoprotein component of bile; plays a role in cell adhesion [RGD, Feb 2006]

Product images:



Circular map for RR200279