

## Product datasheet for **RR200280**

### Ceacam1 (NM\_001033861) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ceacam1 (NM_001033861) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ceacam1
Synonyms:	Bgp; BGPR; Ccam1; CD66a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR200280 representing NM\_001033861  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGCTAGCCTCGGCTCGTCTCCTCAGAGGGCAGATTCCCTGGAGGGGACTACTGCTCACAGCCTCAC  
 TTTTAACCTACTGGAGCCCTCTCACCCTGCCCCAAGTCACCGTAGACGCTGTGCCACCCAAGTTGTTGA  
 GGAGAAGAGCGTTCTTTTACTCGCTCACAATCTGCCGCGAGGAGTTCCAAGTCTTTTACTGGTACAAGGGA  
 ACCACTTTGAATCCAGACAGTGAATTGCACGATATATAAGATCCGATAATATGAGTAAACAGGACCTG  
 CATACAGCGGCAGAGAGACAATATACAGCAATGGATCCTTGTCTTCCAAAATGTCAACAAGACTGACGA  
 GAGAGCCTACACACTATCTGTGTTTGTCAACAATTTAATCCTATACAAACGTCTGTGCAATTTCTGTGA  
 TACCCCGCATTACAAAAGCCCAAGTCACAGGTAACAACCTCCAATCCCATGGAGGGTGAGCCCTTCGTAT  
 CATTAATGTGTGAACCGTACACTAACAATACCAGTACCTGTGGAGCAGAAATGGTAAAAGCCTCTCAGA  
 AGGTGACAGGGTGACGTTCTCTGAGGGCAACAGGACTCTCACTTTACTCAACGTGAGGAGACTGACAAA  
 GGATACTATGAGTGTGAAGCCCGGAACCCAGCGACTTTCAATCGAAGTGACCCATTCAACCTGGAGGTTA  
 TCTATGGTCCGGACGCCCGATTATATCCCTCCAGATATTTATTTGCATCAAGGGTCAAACCTCAACCT  
 CTCTGCCATGCAGACTTAACCTCCCGCACAGTACTTTGGCTTATCAATGAGAAGCTCCAGACATCC  
 TCCAAGAGCTCTTTATCTCAACATCACTACTAACAATAGCGGAACCTATGCCTGCTTCGTCATAAACA  
 CTGTCACTGGCCTCAGTCGCACCACAGTCAAGAACATTACAGTCTTTGAGCCAGTGACTCAGCCCTCCAT  
 CCAATACCAACACCACAGTCAAAGAAGTGGCTCTGTGACCCTGACCTGCTTCTCAAAGGACTGGA  
 GTCTCCGTCGGATGGCTTTTCAATAGCCAGAGTCTGCAGCTCACAGACAGGATGACGCTCTCCAGGACA  
 ACAGCACCTCAGAATAGACCCTATTAAGAGAGAAGATGCCGGGGACTATCAGTGTGAGATCTCCAACCC  
 GGTCAGTTTCAGGATAAGTCACCCAATCAAGCTGGACGTAATACATCTGGGTCTTCTGACGACTCTCCT  
 AACAAAGGTGGATGACGTCTCACTCTGTCTGACTTCAATGCCAGCAATCCAACGACCAACTTCAG  
 CCTCTTCAAGCCCAAGAAACAGTTTATTCGGTAGTCAAAAAGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR200280 representing NM\_001033861  
 Red=Cloning site Green=Tags(s)

MELASARLLRGQIPWRGLLLTASLLTYWSPLTTAQVTVDVPPNVVEEKSVLLL AHNLPQEFQVFYWK  
 TTLNPDSEIARYIRSDNMSKTGPAYSGRETIYSNGSLFFQNVNKDERAYTLSVFDQQFNPIQTSVQFRV  
 YPALQKPNVTGNNSNPMEGEPFVSLMCEPYTNNTSYLWSRNGESLSEGDRVTFSEGNRTL TLLNVRRTDK  
 GYYECEARNPATFNRSDFNLDVIYGPDAVISPPDIYHLHQSNLNL SCHADSNPPAQYFWLINEKLQTS  
 SQELFISNITTNNSGTACFVNNTVTGLSRTTVKNITVFEPVTQPSIQITNTTVKELGSVTLTFCFKDTG  
 VSVRWLFNSQLQLTDRMTLSQDNSTLRIDPIKREDAGDYQCEISNPVSVFRISHPIKLDVIHLGPSDDSP  
 NKVDDVSYSVLNFNAQQSKRPTSASSSPTETVYSVVKKK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI



**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\\_001033861.1](#), [NP\\_001029033.1](#)

**RefSeq Size:** 3393 bp

**RefSeq ORF:** 1380 bp

**Locus ID:** 81613

**UniProt ID:** [P16573](#)

**Cytogenetics:** 1q21

**MW:** 51.4 kDa

**Gene Summary:** glycoprotein component of bile; plays a role in cell adhesion [RGD, Feb 2006]