

Product datasheet for **RC208539**

Calcium binding protein 7 (CABP7) (NM_182527) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Calcium binding protein 7 (CABP7) (NM_182527) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Calcium binding protein 7
Synonyms:	CALN2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC208539 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGCCGTTCCACCCGGTGACGGCGCGTTGATGTACCGGGCATCTACACCGTGCCCAACCTGCTGTCCGAGCAGCGCCCGGTGGACATCCCGGAGGACGAGCTGGAGGAGATCCGAGAGGCCTTCAAGGTGTTGACCGTGACGGCAATGGCTTCATCTCCAAGCAGGAGCTGGGCACAGCCATGCGCTCACTGGTTACATGCCCAACGAGGTGGAGCTGGAGTCATCATCCAGCGGCTGGACATGGATGGTATGGTCAAGTGGACTTTGAGGAGTTGTGACCCTTCTGGGACCCAACTCTCCACCTCAGGGATCCCAGAGAAGTTCCATGGCACCGACTTTGACTGTCTTCTGGAAGTGCACATGCAGAAGCTGACGGTGGATGAGCTGAAGCGGCTGCTCTACGACACCTTCTGCGAGCACCTGTCCATGAAGGACATAGAGAACATCATCATGACGGAGGAGGAGCCACCTGGGCA CAGCCGAGGAGTGTCCCGTGGATGTGGAGACCTGCTCCAACCAGCAGATCCGCCAGACTTGGCTGCGCAA GAGTCTCATCTGCGCCTTCGCCATCGCCTTCATCATCAGTGTCTATTGCGGCCAACAGGTGCTGCGCAGTGGCATGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATTACAAGGATGACGACGATAAGGTTTAA



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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_182527.3](#)

RefSeq Size: 3001 bp

RefSeq ORF: 648 bp

Locus ID: 164633

UniProt ID: [Q86V35](#)

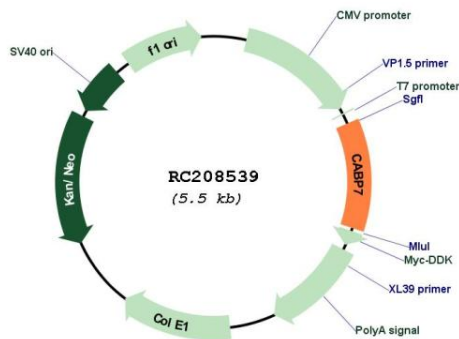
Cytogenetics: 22q12.2

Protein Families: Transmembrane

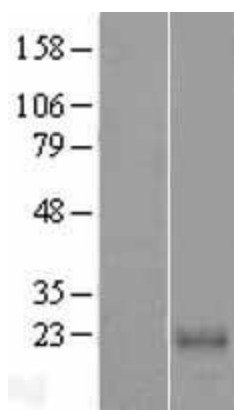
MW: 24.5 kDa

Gene Summary: Negatively regulates Golgi-to-plasma membrane trafficking by interacting with PI4KB and inhibiting its activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC208539



Western blot validation of overexpression lysate (Cat# [LY405504]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC208539 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).