

Product datasheet for **RC213362**

C2orf88 (NM_001042520) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C2orf88 (NM_001042520) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C2orf88
Synonyms: smAKAP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC213362 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCTGCATGAAATCAAAGCAAACCTTCCCATTTCTACCATATATGAAGGTGAGAAGCAGCATGAGA
GTGAAGAACCCTTTATGCCAGAAGAGAGATGTCTACCTAGGATGGCTTCTCCAGTTAATGTCAAAGAGGA
AGTGAAGGAACCTCCAGGGACCAATATTGTGATCTTGAATATGCACACCGCCTGTCTCAGGATATCTTG
TGTGATGCCTTGACCAATGGGCATGCAATAACATCAAGTACCATGACATTCCATACATTGAGAGTGAGG
GGCCT

ACGGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC213362 protein sequence
Red=Cloning site Green=Tags(s)
MGCMSKQTFPFPTIYEGEKQHESEEPFMPEERCLPRMASPVNVKKEEVEKPPGTNIVILEYAHRLSQDIL
CDALQQWACNNIKYHDIPYIESEGP

TRTRPLEQ**KL**ISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6047_a03.zip

Restriction Sites: SgfI-MluI



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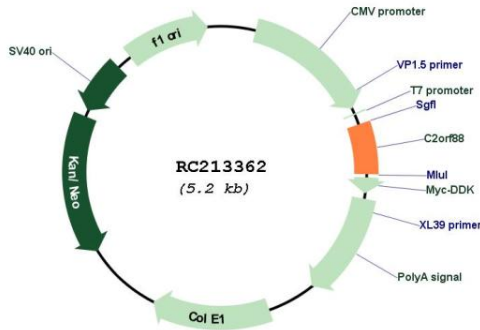
UniProt ID: Q9BSF0

Cytogenetics: 2q32.2

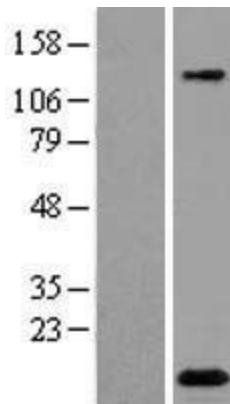
MW: 11 kDa

Gene Summary: Binds to type I regulatory subunits of protein kinase A (PKA-R1) and may anchor/target them to the plasma membrane.[UniProtKB/Swiss-Prot Function]

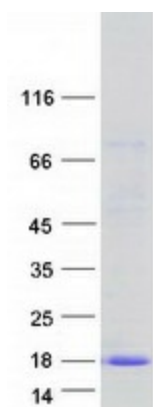
Product images:



Circular map for RC213362



Western blot validation of overexpression lysate (Cat# [LY420959]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC224360] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified C2orf88 protein (Cat# [TP313362]). The protein was produced from HEK293T cells transfected with C2orf88 cDNA clone (Cat# RC213362) using MegaTran 2.0 (Cat# [TT210002]).