

Product datasheet for RC205413

CAPZA3 (NM_033328) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CAPZA3 (NM_033328) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CAPZA3
Synonyms:	CAPPA3; Gsg3; HEL-S-86
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC205413 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACACTTAGCGTGCTGAGCAGGAAGGACAAGGAAAGAGTAATTCGCAGACTGTTATTACAGGCCCTC
CAGGGGAATTTGTAATGCCTTTGATGATCTCTGTCTGCTTATCCGTGATGAAAACTTATGCACCACCA
AGGTGAGTGTGCAGGCCACCAACTGCCAAAAATATTCTGTACCACTCTGCATCGATGGAAATCCAGTA
CTCTTGCTCACCACAATGTAATGGGCGACTACCGATTTTTTGACCATCAAAGCAAACCTTTCTTTCAAAT
ATTACCTGCTTCAAATCAGCTGAAAGACATCCAAAGTCATGGTATCATTGAGATGAGGCAGAATACCT
GAGAGTTGTTCTTCTGTGCGCCTTAAAAGTGTATGTGAATGACCACTATCCAAAAGGAAATGCAACATG
CTGAGAAAACTGTCAAAGTAAGGAGTACTTGATAGCTTGCAATTGAAGATCACAACATGAAACAGGAG
AGTGCTGGAACGGACTTTGGAAATCTAAATGGATTTTCCAAGTTAACCCATTTCTAACCCAAGTAACGGG
AAGAATATTTGTGCAAGCTCACTTCTCAGGTGTGTAACCTTCATATTGAAATATCCAAGGACCTGAAA
GAAAGCTTGGAAATAGTTAACCAAGCTCAACTGGCTCTAAGTTTTGCAAGGCTTGTGGAAGCAAGAGA
ACAAATTTCAAGCTGCAGTCTTGGAGAATTACAGGAGTTATCCAATGAAGCCCTGAGAAAAATTCTACG
AAGGGATCTTCCAGTGACCCGCACTCTTATTGACTGGCACAGGATACTCTCTGACTTGAATCTGGTGATG
TATCCTAAATTAGGATATGTCATTTATTCAAGAAGTGTGTTGTGCAACTGGATAATA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_033328.3](#)

RefSeq Size: 1085 bp

RefSeq ORF: 900 bp

Locus ID: 93661

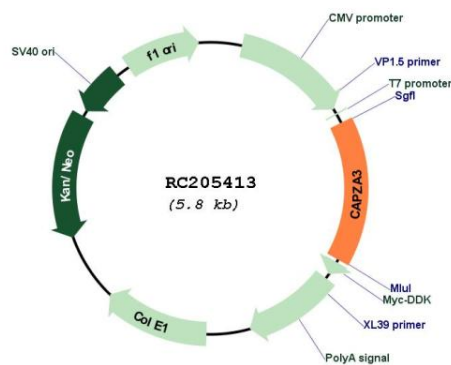
UniProt ID: [Q96KX2](#)

Cytogenetics: 12p12.3

MW: 35.1 kDa

Gene Summary: This gene encodes an actin capping protein, one of the F-actin capping protein alpha subunit family. The encoded protein is predominantly localized to the neck region of ejaculated sperm, other immunohistochemical signals were found in the tail and postacrosomal regions. The encoded protein may also form heterodimers of alpha and beta subunits. This protein may be important in determining sperm architecture and male fertility. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC205413