

Product datasheet for **RC210193**

CRISP3 (NM_006061) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRISP3 (NM_006061) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CRISP3
Synonyms:	Aeg2; CRISP-3; CRS3; dj442L6.3; SGP28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC210193 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACATTATCCAGTGTCTGTTCTGCTGGTGGCTGCTTCCATCTTTCCAGCAAATGAAGATA
AGGATCCCGCTTTTACTGCTTTGTTAACCAACCAACACAAGTGCAAAGGGAGATTGTGAATAAGCACAA
TGAAGTGAAGAGAGCAGTATCTCCCTGCCAGAAACATGCTGAAGATGGAATGGAACAAAGAGGCTGCA
GCAAATGCCAAAAGTGGCAAACAGTGAATTACAGACACAGTAACCCAAAGGATCGAATGACAAGTC
TAAAATGTGGTGAGAATCTCTACATGTCAAGTGCCTCCAGCTCATGGTACAAGCAATCCAAAGCTGGTT
TGATGAGTACAATGATTTGACTTTGGTGTAGGGCCAAAGACTCCCAACGCAAGTGGTGGACATTATACA
CAGGTTGTTTGGTACTCTTCATACCTCGTTGGATGTGAAATGCCTACTGTCCCAATCAAAAAGTTCTAA
AATACTACTATGTTTGCCAATATTGTCCTGCTGGTAATTGGGCTAATAGACTATATGTCCCTTATGAACA
AGGAGCACCTTGTGCCAGTTGCCAGATAACTGTGACGATGGACTATGCACCAATGGTTGCAAGTACGAA
GATCTCTATAGTAACTGTAAGTTTGAAGTCACTAACCTGTAACATCAGTTGGTCAGGGACAGTT
GCAAGGCTCTGCAATTGTTCAAACAGCATTTAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

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_006061.1](#), [NP_006052.1](#)

RefSeq Size: 2219 bp

RefSeq ORF: 777 bp

Locus ID: 10321

UniProt ID: [P54108](#)

Cytogenetics: 6p12.3

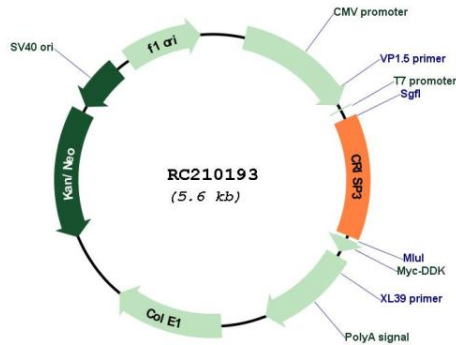
Domains: SCP

Protein Families: Secreted Protein

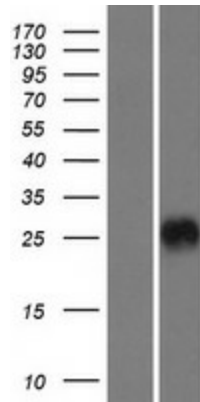
MW: 27.6 kDa

Gene Summary: This gene encodes a member of the cysteine-rich secretory protein (CRISP) family within the CRISP, antigen 5 and pathogenesis-related 1 proteins superfamily. The encoded protein has an N-terminal CRISP, antigen 5 and pathogenesis-related 1 proteins domain, a hinge region, and a C-terminal ion channel regulator domain. This protein contains cysteine residues, located in both the N- and C-terminal domains, that form eight disulfide bonds, a distinguishing characteristic of this family. This gene is expressed in the male reproductive tract where it plays a role in sperm function and fertilization, and the female reproductive tract where it plays a role in endometrial receptivity for embryo implantation. This gene is upregulated in certain types of prostate cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2016]

Product images:



Circular map for RC210193



Western blot validation of overexpression lysate (Cat# [LY416894]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC210193 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).