

Product datasheet for **RC212061**

CRISP1 (NM_001131) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRISP1 (NM_001131) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CRISP1
Synonyms:	AEGL1; ARP; CRISP-1; HEL-S-57; HSCRISP1D; HSCRISP1G; HUMARP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC212061 representing NM_001131 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAATTAACACCTCTGTTTTGGTTGCTGCTGCTTACTGCCTATGTTGTCCATGAAAAAGA
AATCAGCTAGAGACCAATTAATAAGCTCGTCACCGACTTGCCAAATGTACAAGAAGAGATCGTTAATAT
ACACAACGCCCTCAGGAGAAGAGTAGTCCACCAGCCAGCAACATGCTGAAGATGAGTTGGAGTGAAGAG
GCTGCACAAAATGCCAGAATTTTTCAAAGTATTGTGATATGACAGAGAGCAACCCCTTGAGAGGAGAC
TTCCAAATACCTTTTGTGGAGAAAATATGCATATGACATCTTATCCTGTATCATGGTCAAGTGAATTGG
AGTCTGGTACAGTGAGTCTACAAGTTTCAAACATGGAGAATGGACAACAACGGATGATGACATAACTACT
GACCACTACACTCAGATTGTTGGGCCACATCTTACCTGATTGGCTGTGCCATTGCATCTTGCCGCCAAC
AAGGATCACCTCGATATCTACGTTTGTCACTATTGTCATGAGGGAAATGATCCTGAAACAAAGAATGA
ACCTTATAAGACAGGCGTCCCATGTGAAGCCTGCCAAGTAACTGTGAAGACAACTTTGCACTAACCC
TGCATCTACTATGATGAATACTCGACTGTGACATACAAGTCCATTATCTGGGATGCAACCACTCAACAA
CTATCCTATTCTGTAAAGCCACTTGCTGTGTGACACTGAGATAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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_001131.3](#)

RefSeq Size: 1892 bp

RefSeq ORF: 750 bp

Locus ID: 167

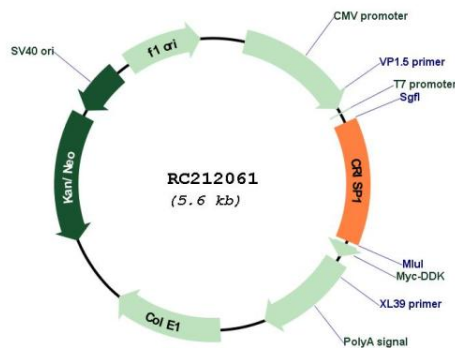
UniProt ID: [P54107](#)

Cytogenetics: 6p12.3

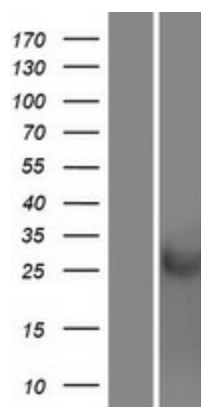
MW: 28.48 kDa

Gene Summary: Fertilization consists of a sequence of specific cell-cell interactions culminating in the fusion of the sperm and egg plasma membranes. Recognition, binding, and fusion occur through the interaction of complementary molecules that are localized to specific domains of the sperm and egg plasma membranes. In the sperm, the postacrosomal region or equatorial segment is involved in sperm-egg plasma membrane fusion. The protein encoded by this gene is a member of the cysteine-rich secretory protein (CRISP) family. It is expressed in the epididymis, is secreted into the epididymal lumen, and binds to the postacrosomal region of the sperm head, where it plays a role in sperm-egg fusion. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]

Product images:



Circular map for RC212061



Western blot validation of overexpression lysate (Cat# [LY420116]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC212061 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).