

Product datasheet for **SC118057**

CRISP2 (NM_003296) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRISP2 (NM_003296) Human Untagged Clone
Tag:	Tag Free
Symbol:	CRISP2
Synonyms:	CRISP-2; CT36; GAPDL5; TPX1; TSP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_003296, the custom clone sequence may differ by one or more nucleotides

```
ATGGCTTTACTACCGGTGTTGTTTCTGGTTACTGTGCTGCTTCCATCTTTACCTGCAGAAGGAAAGGATC
CCGCTTTTACTGCTTTGTTAACCACCCAGTTGCAAGTGCAAAGGGAGATTGTAATAAACACAATGAACT
AAGGAAAGCAGTCTCTCCACCTGCCAGTAACATGCTAAAGATGGAATGGAGCAGAGAGGTAACAACGAAT
GCCCAAAGGTGGGCAAACAAGTGCACTTTACAACATAGTGATCCAGAGGACCGCAAACCAGTACAAGAT
GTGGTGAATCTCTATATGTCAAGTGACCCTACTTCTGGTCTTCTGCAATCCAAAGCTGGTATGACGA
GATCCTAGATTTGTCTATGGTGTAGGACCAAAGAGTCCCAATGCAGTTGTTGGACATTATACTCAGCTT
GTTTGGTACTCGACTTACCAGGTAGGCTGTGGAATTGCCTACTGTCCCAATCAAGATAGTCTAAAATACT
ACTATGTTTGCCAATATTGTCTGCTGGTAATAATATGAATAGAAAGAATACCCCGTACCAACAAGGAAC
ACCTTGTGCCGTTGCCCTGATGACTGTGACAAAGGACTATGCACCAATAGTTGCCAGTATCAAGATCTC
CTAAGTAACTGTGATTCTTGAAGAATACAGCTGGCTGTGAACATGAGTTACTCAAGGAAAAGTGAAGG
CTACTTGCTATGTGAGAACAAAATTTACTGA
```



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_003296 unedited TCAAATTTTGTAAATACGACTCACTTATAGGGCGGCCGGAATCGGCACGAGGTTACTCTT CGTGAATTTTCTCACCATAAACTGTTGCCAACGGGNGAAGAGGGACAAGAACATGAAGT GTTTATGAGGGAGCCTGAAACTGACAACCTGTGTAAGTGGAGTGGTTCGTTGGCATGACA CTGGCAGCGCACTGCAAACCTAAGCACCTGTGGACTCCTAATTAGCTCTTTAAATTGAAC TACATTAATTCAGGCATTCTTGTGTTGAATGCGAACGCCTCCTTTTTCAAGCCACCCCTG GGCAACCCGAATCCTTATATGACCTCCCTCCTCCTAGTACGGCGCAGGGTTATAAAA TTATACACCATGGCCCTCTAAAGACACTCTAGGAAAACCATGTATCCTGATCTTAAAA CACCTGCAAGAAAGAGCACAGTACTTCACCATTATAAAGTAGATATTTATCCTGCTCA GAAAACCAACATTTCCAGCAATGGCTTTACTACCGGTGTTGTTTCTGGTACTGTGCTGC TTCCATCTTTACCTGCAGAAGGAAAGGATCCCGCTTTTACTGCTTTGTTAACCACCCAGT TGCAAGTGCAAAGGGAGATTGTAATAAACACAATGAACTAAGGAAAGCAGTCTCTCCAC CTGCCAGTAACATGCTAAAGATGGAATGGAGCAGAGAGGTAACAACGAATGCCAAAGGT GGCAAACAAGTGCACTNTACAACANTAGTGATCCAGAAGACCGCANAACCAGTACAAGA ATGTGGTGAGAATCTCTNATATGCAAGTGACCCTACTTCTGGTCTTCTGCATCCANAG CTGTATGACGAGATCCTAGATNTGTCTATGGTGTAGACCAAGAGTCCATGCAGTTGTGGA CATTTACTCAGAATGAACTATCTATAAAGGGAGGGGATAACGTTGAAAAGTTTTTAAG GTGAAACCTTTCACCTN</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_003296 unedited TTTTTTTTTTTTTTGTAAGCTTTGATTTATTGTTTATGCAAGTAAAACTCAGTAGTA GGGAAGGCAATGATGTTACAGTCTTCTTCTTTAGCATGTTTCAGGGAAAACGTAATGCAC CATTTTGATCCAAAGTCTAGTGACCTAAATCCTATGGTTATACAGTTTTCAAAATCCTC AACCTGATTCAGTTCGTTATAAAGCACTAAATTTATGTCAGAGTTCACAGTTGTCATCAT CTACTATGCTACTTTTGTAAATCATTGCCTGAAAGTGATTTCTGTGATGATCTGGGGGAG AAGATGCATTGCTCTTTGAAATCAAATTTGTCCTAACATACATAACAATTTCCACTGGTA TGTCGCAATTAATGATGCAGCCCTTATCCATGCAGTCTTGACAATGCTCACTAGGTAA ATCAGTAAATTTGTTCTCACATAGGCAAGTAGCCTTGCACTTTTCTTGAGTAACTCAT GTTTACAGCCAGCTGTATTCTTCAAGGAATCACAGTACTTAGGAGATCTTGATACTGGC AACTATTGGTGATAGTCTTTGTACAGTCATCAGGGCAACCGGCA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_003296
Insert Size:	1780 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 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:	<u>NM_003296.1, NP_003287.1</u>
RefSeq Size:	1406 bp
RefSeq ORF:	732 bp
Locus ID:	7180
UniProt ID:	<u>P16562</u>
Cytogenetics:	6p12.3
Domains:	SCP
Protein Families:	Secreted Protein
Gene Summary:	May regulate some ion channels' activity and thereby regulate calcium fluxes during sperm capacitation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. All variants encode the same protein.