

## Product datasheet for **MC226527**

### Crisp2 (NM\_001204071) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Crisp2 (NM\_001204071) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Crisp2  
**Synonyms:** CRISP-2; GAPDL5; Tpx-1; Tpx1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC226527 representing NM\_001204071  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCTTGGTTCCAGGTAATGCTGTTTGTCTTTGCGTTGCTGCTGCGATCACCCTCACAGAAGGAAAGG  
ATCCGACTTTACTTCTTTGTTAACTAACCACTACAAGTTCAAAGAGAGATCGTAAATAAACACAATGA  
GCTGAGGAGATCAGTTAACCTACTGGCAGCGACATACTAAAAATGGAATGGAGCATAACAAGCAACAACA  
AATGCTCAAAGTGGGCTAATAAGTGTATTTAGAACACAGTTCTAAAGATGACCGGAAGATCAATATAA  
GATGTGGTGAGAATCTCTATATGTCAACTGATCCTACCCTCTGGTCAACTGTAATTCAAAGCTGGTACAA  
TGAAAAATGAAGATTTTGTATGGTGTAGGAGCTAAACCCAATTCAGCTGTCCGACATTACACTCAGCTT  
GTTTGGTATTCATCTTTCAAATTTGGATGTGGAATTGCTTACTGTCCCAATCAAGACAACCTGAAATATT  
TCTATGTTTGCCATTACTGTCTATGGTAACAATGTGATGAAAAAGAGCACCCCATATCAACAAGGAAC  
ACCTTGTGCTAGTTGTCCAATAACTGTGAAAAATGGGCTGTGCACCAATAGCTGTGATTTTGAAGATTTA  
CTTAGTAAGTGAATCCTTGAAGACTTCAGCAGGCTGTAACATGAGTTGCTCAAGACAAAAGTCCAGG  
CTACTTGTGTGTAAGACAAAATTCAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001204071  
**Insert Size:** 732 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001204071.1, NP_001191000.1</u>
<b>RefSeq Size:</b>	1451 bp
<b>RefSeq ORF:</b>	732 bp
<b>Locus ID:</b>	22024
<b>UniProt ID:</b>	<u>P16563</u>
<b>Cytogenetics:</b>	17 19.54 cM
<b>Gene Summary:</b>	<p>May regulate some ion channels' activity and thereby regulate calcium fluxes during sperm capacitation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>