

## Product datasheet for **MG202984**

### Crisp3 (NM\_009639) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Crisp3 (NM\_009639) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Crisp3  
**Synonyms:** Aeg2; CRISP-3; CRS3; SGP28  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG202984 representing NM\_009639  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCATTAAATGCTTGTGCTGTTCTTCTGGCTGCTGTACTGCCCCATCCCTTCTTCAAGATAACTCTC  
 AGGAGAACAGTCTTGAGAACTTTCAACCAGTAAAAATCAGTCCAAGAAGAGATTGTAAGCAAGCACAA  
 CCAATTGAGACGAAAGGTTTCTCCATCTGGCAGTACTACTAAATATGGAATGGAATATGATGCTCAA  
 GTGAATGCTCAGCAACGGGCAGACAAGTGTACATTCAGTCACAGTCTATAGAACTCAGGACAATAATT  
 TAAAATGTGGTGAGAATTTGTTTCATGTCATCTTACCTTGTACCATGGTCTTCTGTAATCCAAGGATGGTA  
 TAATGAATCCAAAGTCTTATATTTGGTGTGGGCCAAAGCAAAATGTTAGTGTGGTTGGACATCACT  
 CAGGTTGTTTGGAAATCAAATTTACAAGTTGCATGTGGAGTTGCTGAATGCCCTGAAATCCACTGAGAT  
 ACTTTTATGTTTGTGCTATTGTCCTGTATTGAATTACAGTGGCCATTATCCAAGCAGGCCATACCTAGC  
 TTACACAGCAAGAGCACCATGTGCCAGTTGTCCTGATCGCTGTGAAGATGGACTGTGCACCAAGAGTTGT  
 CAATATAAGGATATGCTTTTTGGTGTAACGCTGGAATACGCTGTAAACATCCAGGTCTTAAAAAAC  
 GTTGCCCTAGCTACATGCCAATGT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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**Protein Sequence:** >MG202984 representing NM\_009639  
 Red=Cloning site Green=Tags(s)

MALMLVLFFLAAVLPPSLLQDNSQENSLEKLSTSKKSVQEEIVSKHNQLRRKVSPSGSDLLNMEWNYDAQ  
 VNAQQRADKCTF SHSPIELRTTNL KCGENLFMSSYLVPWSSVIQGWYNESKGLIFGVGPKQNVSVVGHHT  
 QVVWKS NLQVACGVAECPENPLRYFYVCRYCPVLNYS GHYPSRPYLAYTARAPCASC PDRCEDGLCTKSC  
 QYKDMSFWCKRLEYVCKHPGLKKRCLATCQC

TRTRPLE - GFP Tag - V

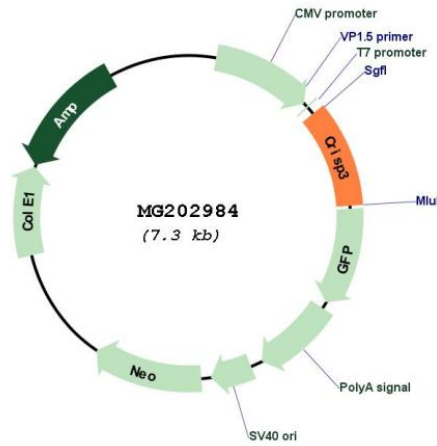
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



**ACCN:** NM\_009639

**ORF Size:** 723 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_009639.3</a>
<b>RefSeq Size:</b>	1406 bp
<b>RefSeq ORF:</b>	726 bp
<b>Locus ID:</b>	11572
<b>UniProt ID:</b>	<a href="#">Q03402</a>
<b>Cytogenetics:</b>	17 19.45 cM
<b>Gene Summary:</b>	This protein is supposed to help spermatozoa undergo functional maturation while they move from the testis to the ductus deferens.[UniProtKB/Swiss-Prot Function]