

## Product datasheet for **MG213409**

### Crnn (NM\_001081200) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Crnn (NM_001081200) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Crnn
Synonyms:	Gm1015
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG213409 representing NM\_001081200  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCCTCAGTTGCTGCAAAACATCCACGGGATCATCGAAGCCTTCGGGTGCTATGCCAGGTCAGAGGGTG  
 GCTGCAAAGTACTCACGAGGCAGGAGTTGAAGAGGCTCCTGGAACATGAGTTGCTGACGTCATAGTGAA  
 GCCCATGATCCTGCAACTGTGGATGAAGTCTGCGCCTGTTGGATGAAGATAACACAGGGACTGTAGAG  
 TTCAAGGAATTCCTAGTCTTGGTGTAAAGTTGCACGGGCTTGCTTAAAGACTGAATGAGAGTCCTA  
 AGGGTGTTCATATCTGACAAGTCTGAAGGCTGCTATTCTGGATCTTCAAAGAGCTGGAGCAAAGACA  
 GAGAGGTGGTGTGAAGTGGCAAAGACGGAGCAGCACAGCACTGTGAAGACAGCAGCTGTGGACAGAGA  
 GATCAGGCTTCTAGAGGACAGGACAGGGTTGGGACACATACCCAGAATCAGGACAGCTACCTACACAGG  
 TCAGCAGTCATGACAGGCAGACTGAGTCTCAGACACAGGAAATGATAAGCCAACAACACAAGTACAGG  
 ACAGGTGGAGCAGACCCCAAGAACAAGACAAGAGTTGGACCAGACAGAAGAGGTCAGAGAGGCAACCA  
 CAGAGTAGCCAACAGACAGATGAGATCACAACTGGATCTACAGCTCAGACCCAAGCAGGTAACCTTCTACA  
 CACAGGGTCTACCTGTGACTATAACAGAGGAACTAACAGCCATCACCAAGACAGAAAGCCATGCAGACAG  
 AGCTTCTACACAACACTACCAGACACAGGCAGGGTCTCATACTCAGATACACACACAGATGGTAGAACAG  
 GCCTGGGGCAGCAAACAGGAAGTGATAGCATCCAGACACAGGGGTCTATCTATGACCAGAGCACTGAGA  
 CTGTGATTCATGGCCAAGACAGGAACCAGGCAAGCCAGAGTGTTAAAGAACCACCAGGCACAGGGAGA  
 GTCATATATTAGACACATACTCAGACAATGGAACAAGCCAGGAGCCAGCAGGCAGAAAAAGTAGCACC  
 CAGACTCATGGTCCATGTATGGCCAAAACAGAGAGACTGAGATCCATGGGCTAGAAAGCAGTCAGGCAG  
 AACAGGTGGGACAAGACTACCAGACACAGGCAGGATCATATACCCAGACTTTGGAACATGATGGGAG  
 CCAGTCTGCACATAAATTTGTGGCTCAAGAAAAGGAACGTACACAGACAAGCCATGCATGGGGCAAAGC  
 TGGACACCAGTAAGCAACTATGAGACAGAAGAGTCAGTGATAGGAGGACAGGTCAGACTGAGACAGACA  
 CTATTATAGAAATCACCAAGCCCGACAGCCAGGCAGGTAGAGAGAGTACCCACAGTGGTTAGAGAGGA  
 GTGGGTCAATGACCACACAAGGGAAATAGTAATCCGAAGCCAGGATCCAGGTAGCCTGCACTCTGGTACT  
 CCTTCAGCTCAGGGCCAGGATATACCACAGATGGAGAAGAAGGAATCACAGCCAAGGGACTATATACCT  
 ACTTGAAGACAGAGCAGCCA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>MG213409 representing NM\_001081200  
 Red=Cloning site Green=Tags(s)

MPQLLQNIHGIIEAFGCYARSEGGCKVLTRQELKRLLEHEFADVIKPHDPATVDEVLRLLDEDNTGTVE  
 FKEFLVLFVKVARACFKTLNESPKGACISDKSEGCYSGSSKELEQRQRGGAEVAKDGAHQHCESSCGQR  
 DQASRGQDRVGHTQNQDSYPTQVSSHDRQTESQTQEMISQQTQVTGQVEQTPRTEDKSWTRQKRSEKQP  
 QSSQQTDEITTGSTAQTQAGNFYQGSTCDYNRGTNSHHQDRSHADRASTQHYQTQAGSHTQIHTQMVEQ  
 AWGQQTGSDSIQTQGSIDYQSTETVIHQDRNQASQSVKEHHQAQGESYIQTHTQTMEQGRSQQAENSST  
 QTHGSMYQONRETEIHGLESSQAEQVGRHYQTQAGSYTQTLHDGSSQSAHKFVAQEKEKERTQTKPCMGQS  
 WTPVSNYETEESVIGGQVQTEDTIENHPSPTARQVERVPTVVREEWVNDHTREIVIRSQDPGSLHSGT  
 PSAQGQDIPQMEKKGITAKGLTYLKTEQP

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-Mlul



<b>ACCN:</b>	NM_001081200
<b>ORF Size:</b>	1560 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_001081200.2</a>
<b>RefSeq Size:</b>	1628 bp
<b>RefSeq ORF:</b>	1563 bp
<b>Locus ID:</b>	381457
<b>Cytogenetics:</b>	3 F1