

## Product datasheet for **MG206407**

### Cnppd1 (NM\_026977) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cnppd1 (NM\_026977) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Cnppd1  
**Synonyms:** 1810031K17Rik; AU043960  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG206407 representing NM\_026977  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGACCTGACTGGGCTCCTGCTGGACGAAGAAGGCGCCTTCTCCCTCACCGTTTCCAAGACTTCATGG  
 TCCTTCCAGGACACAAAAGCTAAGTGCTCGAATCCGAAGGAGACTCTATTATGGCTGGGACTTGGAGAC  
 AGACTGCAGCCTGGAGGAGCTCTCCAGCCCTGTGGCAGACATTACTGTGGAACCTCTTCAGAAGGCAGCA  
 CCCAGTCTATTGCGCGACTCCAGAAAAATATGTAGCCCATGTGTCCCGAGAGGCTTGATCTCCCTT  
 GTGCTATGATGCTAGCTCTGGTGTACATTGAGCGGCTCCGGCACCGAAACCCAGATTATCTGCAGCACGT  
 GTCGCTTCTGATTTGTTCTGATCTCCATGATGGTGGCCAGTAAATACCTTTATGATGAAGGGGAGGAA  
 GAGGAGGTCTTCAATGACGAATGGGGGGCAGCTGGGGGAGTCGCCGTGGCCACCCTCAATGCCTTGAAA  
 GGAGCTTCTGAGTGCCATGGATTGGCGTCTCTACACTGATCCTCGGGAGATCTTTGAGGTGCTAAGTTG  
 GCTGGAGAGCTGTGTGGCTGAGCAGCAAGGACGGCGGGGGCTGGTACACCTACACAGACCTGTGTGTG  
 CTGCTGGAGCAGCCAACGTGGCAGCTGGCTCTGGGCTCCCTCTGCCAGCGGCTGGTAAAGCTGTCTGCC  
 TGTTAGCTGTGGCATATGTGAGCAGCGTGGCCCTAGCTGTAGCATCAGTGGCTGTAATACACCAGTCTTT  
 GGGGCTGTCTCCAGCCCTCACCAGGTCTCTGAACTCACACTGGTCTCCAAGAGCCTCGTGCAGCCC  
 TGCGTACCTGCCCTGTGTCACAGTGCCTGACTAATGTCTCCAGCTGCCTGGAAGGCAGTGTAGACTTG  
 CATCACTCTGGGCAGTCTTCTGGCCCCATTGACTCCCCCTCTGAGACCTCCCCCAGACCTCCTGCCCC  
 TCTACTCTCTCCAAAATGTCCCTTTGCCAGAAGTCCAGAGACTCCCCCAAACCTGCCGTGCCTGC  
 CACACTAACCAAACGGTGTCTATTGGGCTTCCCGCCCCCTTACCATGCCCGGGCCTGGCCCCACCT  
 GGCTCTGGAGCCAGTGGCCCTCCATTCTCCAGCCCCAGCAGTGTTCGCTTTTAGTGTGATGGAGCT  
 GGCTCATCTCAAGTCTGTCATTTCACAGGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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<b>ORF Size:</b>	1221 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_026977.3</a>
<b>RefSeq Size:</b>	2739 bp
<b>RefSeq ORF:</b>	1224 bp
<b>Locus ID:</b>	69171
<b>UniProt ID:</b>	<a href="#">Q8K158</a>
<b>Cytogenetics:</b>	1 C4