

## Product datasheet for **MC207864**

### Inpp5a (NM\_001127363) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Inpp5a (NM\_001127363) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Inpp5a  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207864 representing NM\_001127363  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGGGAAGGCGGCCCGCCCGGCACCGGGTCTGCTGGTCACGGCCAACGTGGGCTCGCTCTTCG  
 ACGACCCAGAAAACCTGCAGAAGAACTGGCTTCGGGAATTTACCAGGTCCTGCACACACAAGCCTCA  
 CTTTCATGGCCTTGCACTGCCAAGAATTTGGAGGGAAAACTACGAGGCCTCCATGTCCCATGTGGACAAA  
 TTTGTCAAAGAATACTACTCCAGTGACGCAATGAAAGAATAACAACAGGGCGCGTGTCTACCTGGATGAAA  
 ACTACAAGTCACAGGAACACTTCACGGCACTAGGAAGCTTTTATTTTCTCACGAATCCTTAAAAACAT  
 CTACCAGTTTGACTTTAAAGCTAAGAAGTATAAAAAAGTCACTGGCAAGGAGATCTATTCGGACACTTTG  
 GAGAGCACACCCATGCTGGAGAAGGAGAAGTCCACAGGACTACTTTCCTGAGTGCAAATGGTCAAGAA  
 AAGGCTTCATCAGGACGCGGTGGTGCATTGCTGACTGTGCCTTCGACTTGGTGAACATTCATCTTTTTCA  
 TGATGCATCCAATTAAGTGGCTGGGAGACAAGCCCTCAGTGTACTCCGGTGCAGGCACAAGGCTCTG  
 GGCTATGTGCTGGACAGAATCATCGACCAGCGATTTGAGAAAGTTTCTACTTTGTCTTCGGTGATTCA  
 ACTTCCGCTGGATTCCAAGTCTGTCGTAGAGACTCTGCACAAAGGCCACAATGCAGACAGTCCGCGC  
 TGCTGATACCAATGAAGTTGTAAGTTGATATTTCCGGAGTCAGACAATGACCGGAAGGTCGTGCTCCAG  
 TTGAAAAGAAGCTCTTCGACTACTTCAACCAGGATGTCTTCCGGGACAACAACGGCACTGCGCTCTTGG  
 AATTTGACAAGGAGTTGTCTGTCTTTAAGGACAGACTGTATGAACTGGACATCTCATTCCCCCAGCTA  
 CCCGTACAGTGAGGACTCCAGCCAGGGAGAAGCAGTACATGAACACGAGATGCCCTGCTTGGTGTGATCGC  
 ATCCTCATGTCCCTGTCTGCCAAGGAGCTGTTCTTAAGTCAGAGAGCGAGGAGAAGGTTGCCACCTACG  
 ACCACATCGGGCCTAATGTCTGCATGGGAGACCACAAGCCGGTGTCTCGGCCTCCGAATCGCACCTGG  
 GCGAGTAAACCTCACGCCCATGTACACAAGTGTGTGTCGTGCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



[View online »](#)

<b>ACCN:</b>	NM_001127363
<b>Insert Size:</b>	1239 bp
<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>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><a href="#">NM_001127363.1</a></u> , <u><a href="#">NP_001120835.1</a></u>
<b>RefSeq Size:</b>	2843 bp
<b>RefSeq ORF:</b>	1239 bp
<b>Locus ID:</b>	212111
<b>UniProt ID:</b>	<u><a href="#">Q7TNC9</a></u>
<b>Cytogenetics:</b>	7 F4
<b>Gene Summary:</b>	Phosphatase that specifically hydrolyzes the 5-phosphate of inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate, and inositol 1,3,4,5-tetrasphosphate to inositol 1,3,4-trisphosphate (PubMed:26051944). Plays a crucial role in the survival of cerebellar Purkinje cells (PubMed:26051944).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript.