

Product datasheet for RN205562

Inpp5j (NM_133562) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Inpp5j (NM_133562) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Inpp5j
Synonyms:	Inpp; Pib5pa; Pipp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205562 representing NM_133562 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGGCCAGAGCAGGAGTGGTAGTGCCAAGTCGGGGACCAGAACTGGACTGGGACCCTTGCCTGGGACCCATGGGCTTTGCAAACCTGGGACACCCTCGAAGAAGGTAATTCAGTTTTTCAGCTTCCAGCAAAGAACACGGGCCAACACCCTCAGAACCAAGATTGGCCCTGGCACCGGTGGGACCACGAGCAGCTGTGTACCTCCTTCAGAGAGACCAAGACTGGCTTTGTTCATCTCCCCGACCCATCCTAGCTCCACTGTCCACCGCTGGCGAACAGAAAAGACCTCCACCTCACCGCAGCTCCAAGCCGGCTCCCACGTCTGTGGGCCAACTGGTAGTATCTGCCGCTGCAGGACCAAAGCCTCCGCCAGTCGCCTCGGTCTCAATCCTGGCTCCGAAGTCTCTGGGGCAGCTAGTAATATCTGCCTCTGCTATGCCAAGGCCTACTCCGGCTCCTTAGGGCCATTCTATACCAAACCTCCAGGGATCAGAAGCAGTTATCACCCACCTCTGTGGGACCTAAGCCAGCATTGGCAACCTCAGGCCAAGCCTGGCACTGGCCTCTCAGGAGCAGCCCCACAGTCCCCCTCCAGTCCTTCCCCTGTGCCAGTCCCCTTCTGTCCACCCTCTCAGGAGAGTCACCTGGCTCCAGCAACTGTGACATCTACCCAGCTTCCGAGAGACAGTGGCCAGCTAGACAGAAGGATACGGCAGTTCGAGGCCATTCCCCCTGCAGACGGGTGTCTCCATACCCCAGTGCAGGCAGCTGGTCTTGCCACCTCTCCTCCAAGGGCCAAACTTCTCAGATCTCGGCTTTCCCCCTCCTTCCGCGCAAGACCAGAGGCTCCGCGCCACAGTCCCAGGATCCCCTCTTGCCTCCGCCACCAAGACAGACCCCTGCCCTTGGATGTGAGCTCAGGCCTTCCAGAGTCTGGCACCCGCTCCCCTGGACTTCTGTCCCCTACCTTTCCGGCCAGGAATCCCTTCAAACCCAGACTGTGCCCCACCTCTGCCAAGCCACCTCGGTCTCCCAGCCGCTCCCCTAGTCGTTCTCCAACCGCTCTCCCTGTGTGCCCCAGCCCCGAGGTGGCACTCCCAAGACCTGTACCCAGGGTGCAGGGCTGGCAAGTGCCCAAGCCCTAACCTACAGACACAAGAAAGCCAGTCGCACCCGCCACCTACCAACGTCTTCTGGTCAGCTCAGCCTACCTGCAAGAGCGACCCTGGATTCCGGATCCTGTGGTTACATGGAATGTGGGCACTGCCATGCCTCCTGACGATGTACATCTTCTACACCTGGGTGTGGCCACGATAGCGACGGTGCAGACATGATTGCCATCGGGTTGAAGAAGTCAATTCATGATCAACAAAGCGGCTCAAGGATGCTCTTTACCGACAGTGGAGTGAGCTTTCATGGATGCGCTGGGCGCTTCAACATTCGTCGCTGGTGAACCGTGAGGATGCAGGGCGTCATCTGCTGCTTTCGCCAAGTACTACCACCTAC



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CCTTCCTACGGGATGTGCAGACGGACTGTACTCGGACTGGCCTGGGTGGCTACTGGGGTAACAAGGGCGG
 AGTAAGTGTGCGCTTAGCAGCCTTCGGGCACATGCTGTGCTTCTCTAACTGCCACTTGCCCGCACACATG
 GACAAGGCGGAGCAGCGCAAGGATAACTTTCAAATATCCTTAGCCTCCAGCAATTCCAGGGACCTGGT
 CACACGGCATCCTGGATCATGACCTTGTATTCTGGTTTGGGGACCTGAATTCCGCATTGAGAGCTATGA
 CCTACACTTCGTCAAGTTCGCCATAGACAGCAACCACTCCATCAGCTCTGGGAGAAGGACCAGCTCAAC
 ATGGCCAAGAATACTTGGCCATCTTGAAGGTTTCCAGGAAGGGCCCTTAATTTTGGCCCCACCTTCA
 AGTTTGATGTGGGACCAACAAATATGATACGAGTGCCAAGAAGCGGAAGCCAGCCTGGACAGATCGCAT
 TCTGTGGAAGGTCAAGGCTCCAAGTGGAGGCCAGCCCTCAGGGCGAGAGAGTCAAGGCTCCAGGTG
 ACCCAGCACAGCTATCGCAGTCACATGGAATACACCGTCAGTGACCACAAGCCTGTTGCCGCCGCTTCC
 TTCTGCAGTTTGCCTTACGGGATGATGTACCTCTGGTACGGCTGGAGGTGGCGGACGAGTGGGCAAGGCC
 GGAGCAGGCTGTGGTGGATACCGGTGAAACAGTATTTGCCCGAAGCTCCTGGGACTGGATTGGCTTG
 TACCGGTTGGGTTCCGTCAGTGAAGGATTATGTGGCTTATGTCTGGGCAAGCATGAAGAAGTGGATG
 GGAATATCTACCAGGTGACCTTCAGTGAGGAGTCACTGCCAAGGGCCATGGCGACTTCATCTGGGTTA
 CTATAGCCACCACACAGCATCCTCATTGGTGTACAGAACCTTTCAGATCTCGCTGCCTACCTCAGAA
 TCAGCCAGCAGCAGCACAGACAGCTCAGGCACCAGCTCCGAGGGGGAGGATGACAGCACTCTGGAGCTGC
 TGGCACCAAGTCCCGCAGCCCCAGCCCTGGCAAGTCCAAGAGACACCGTAGTCGACGCCGGCCCTAGC
 ACGCTTCCCCAGTCTCGCTCTCCGTCCTCATCCCGCAACGCCGTGGTGGCAGCCGTAGTCCCTACCC
 CAGAGCCGCCAGCTGCCTCGGGTAGCCCCGACAGGGGTACAGTAGTGGCAGCCGAGGTAGTAGTGAGG
 AGGGGCCCTCTGGGCCGCTGGACCCTGGGCCCTCCCACCAGCTGTGCCTCGAAGCCTGGGCCTGCTTCC
 AGCCTTGGCCTGGAGACCGTAGACCCAGGTGGCGGAGGCTCTGGGGACCTGACCAGGAGGCCCTGAC
 CCTAATAGCCTGTCCCCAGCCCCAGGGCAGGCTGGGGCTAGAGGACGGGGTTTGGGGCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_133562
- Insert Size:** 3006 bp
- OTI Disclaimer:** 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).
- Components:** 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).
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 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.
- RefSeq:** [NM_133562.1](#), [NP_598246.1](#)
- RefSeq Size:** 3322 bp
- RefSeq ORF:** 3006 bp
- Locus ID:** 171088

UniProt ID: [Q9JMC1](#)

Cytogenetics: 14q21

Gene Summary: hydrolyzes phosphate at the D-5 position of inositol or phosphatidylinositol polyphosphates; may mediate the level of inositol and phosphatidylinositol polyphosphates at membrane ruffles [RGD, Feb 2006]