

Product datasheet for **RN217318**

Inpp5b (NM_001100755) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Inpp5b (NM_001100755) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Inpp5b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF:

>RN217318 representing NM_001100755

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCAGTCTGTGGAATCCAGGAGACCCTGGTTGAGGGGAATACTGCGTCATCGCAGTACAAGGTG
TGCTGTGTAAGGGAGACAGCAGGCAGAGTCGCCTGCTCGGGCTGGTGCGATACCGGCTGGAAAATGACGT
CCAGGAGCATGCCCTCTTCTGTATACACACCGGAGGATGGCCATCACAGGAGACGATGTAGCTCTGGAC
CAGATAGTGCCACTCTCCAAAGACTTTATGCTGGAAGAAGTGTCCCAGACGGTGAAGTCTACATCTCG
GCTCTGATGTGACGGTACAAGTACCACAGCTGAAGTCAAGGCTTGTATTCCAAGTACCCTTTGGTTACA
CACCAGAACATTCCTCCAGGAAGTTGCCAGAGCCTGCCAGGTTTCGACCCTGAGACGCGGGATCCCGAG
TTCTGTGGCTGTGCAGACACCGGTGCGCGGAGTCCGAAGCAGAGTCGCCGAAACCCCGGAGTGGAAAT
CGGACCCGGGTACCCGGAGTGGCTTCGCGCCATTGGAGGAGGTGGTTAATACGTTGACAGCTCGAGGCC
AAATGGGAGAGGCTGCTGCCTTTGGACCAAAGCTCTGGGGCCAGGTGTCCGGATAAACCAGAAAATCT
CTACAAGACAGAATAGATCGAAGGCTGAAATTAAGTACATGGTTTCGCTCCTCCAGATCACGGATCCGG
ACAAGGCTCACATTTATCCATGCAAGAAGTTCCGGCTGCGAGACACAATGGTGAGGTCACACCTCCTGCA
GAAGGAAGGGGAGTATACCTACATCCAGAACTTCAAGTTTTTGTGGAAACATACAATGTGAACGGACAG
TCCCCCAAAGAATGCCTCCGGCCCTGGCTGAGCTCCGACACCAAGGCCCCAGATGTGACTGTGTAGGGT
TCCAGGAAGTCCGATCTGAGTAAGGAGGCCTTCTTCTTTCATGATACCCCAAAGGAGGAGGAGTGGTTAA
GGCTGTGTGAGAAAGCCTTACCCAGATGCCAAGTACGCAAGGTGAAGCTCATCCGGCTGGTTGGGATT
ATGTTGCTGTTGTATGTCAAACAGGAGCACGCAGCCTATATCTCAGAGGTGGAAGCTGAGACTGTGGGA
CAGGAATCATGGGAAGGATGGGGAACAAGGAGGAGTGGCCATCAGGTTCCAGCTGCACAACACCAGCA
CTGCGTGTGCAATTCACCTGGCAGCCACACAGAGGAGTACGAGAGGAGGAACCAAGGACTATAGAGAC
ATTTGTTCTCGAATGCAGTTCTCTCAGGTGACCCGAGCCTCCCCCTCTCACCATTAGCAAGCAGGATG
TGATCTTGTGGCTGGGGACCTCAACTACAGAATAGAAGAGCTGGATGTGGAAAAGGTGAAAAGCTCGT
GGAAGAGAAGGCCTTCCACACCTGTATGCGCACGACCAGCTGAAAATCCAGGTGGCTGCCAAGACCGTC
TTTGAAGGCTTACCCGAGGTTGAGATTACATCCAGCCTACTTACAAGTACGATACTGGCTCTGACAACT
GGGATACCAGTGAGAAGTGTGCGCGCCTGCCTGGTGTGACCGAGTCTGTGGAGGGGAAAGAATCAG
TCAGCTGAGTTACCAGAGCCACATGTCTTGAAGACCAGTGACCACAAGCCCGTCAGCTCAGTGTGAG
ATTGGGGTGGGGTGTCAATGAAGAACTTACCAGGAGACCCTGGAGGAAATCGTACGCTCCCTGGATA
AAATGGAAAATGCCAACATTCCTTCTGTGACACTCTCAAAGCGGAGTTCGTTTTGAAAATGTGAAGTA
CATGCAGTTGCAACCGCAACCTTACGATTCATAATGGCCAAGTGCCCTGTGAGTTGAATTCATCAAC
AAGCCTGATGAGGAGACCTACTGTAAGCAGTGGCTGACGGCCAAACCCAGCAGGGGCTTCTCCTGCCAG
ATTCTCATGTGCGAGATTGAAGTGGAGCTTTTGTAAATAGGCTACCGCCACAAAATCAACTCAGGCAA
GGACACCATGAAGACATTTCTGGTTTTACACTTGCATCGGGGAAAGGATTACTTTTTGTCCTGACCGGG
AACTACCTGCCAGCTGTTTCGGTCTCCCATCCATACATTGTGCTACATGAGAGAGCCCATCTGGATC
TACCACTGAAAATGTTAACGAGCTGACCTTGTGACAGTGCAGACTGCAGATGACAGAAGCCAGTTGGA
GAAACCCATGAAAATCCCAAAGAAGTCTGGATGATGGTCGATTACCTATATAGAAATGCTGTCCAGCAG
GAAGATCTGTTTCAGCAGCCAGGCTGAGGCCAGAGTTTGAGCACATAAGGGACTGTTTAGATACTGGAA
TGATCGATCACCTCTGCGCTAACAACTCTGTAGCCGAAGCCTTGTGCTTTTCTAGAGAGCCTGCC
GGAGCCCGTCATCTGCTACAGCGCTACCACAGCTGCTTGGAGTGTCTGGCAGTCACACAGCGAGCAAA
CAGGTCATTTCCACTCTCCACCTTCCACAAAATGTCTTACGACTACTGATGGCGTTTTTGAAGAAC
TGCTGAAAATTCAGCAAAAATCATTTGGATGAGAATATTTAGCTAGCATATTTGGCAGCTTATTGCT
CCGAAGCCAGCTGGTACCGAAAATTTGACATGGCAGAGAAGAAGAAGGCCAAGAGTTTATCCACCAC
TTTCTCTGCAATCCACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001100755
Insert Size:	2751 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001100755.1, NP_001094225.1</u>
RefSeq Size:	3827 bp
RefSeq ORF:	2751 bp
Locus ID:	362590
Cytogenetics:	5q36