

Product datasheet for **RN209119**

Inpp5f (NM_001107554) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Inpp5f (NM_001107554) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Inpp5f
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209119 representing NM_001107554 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCTCTTTAGGCCAAGGACCACTACATCCTGCAGCAGGGCGAGCGTGCCTGTGGTGCAGCCGGC
GCGACGGCGGCCCTGCAGCTCCGACCGGCCACTGACCTACTTCTTGCCCTGGAACCCCAATTTGTTGGGATT
GGTAGAAGGAGTAATTGGGAAGATTCAACTCCATTCAGATCTCCGTGGTGGCTTATTTTAAATTCGGCAG
AAAGCATTGGTGGCAAACCTCCAGGAGACCATGAGGTCTGTAAGTACCAAGATTGCTGTATTGTCAC
TTTCTGAAATGGAACCTCAGGAGCTTGAGCTGGAGCTCTGCAAGAAGCATCATTTTGAATTAACAGCC
TGAGAAGATTGTACCATCTCCTGATGACTCCAAGTTTCTACTGAAGACATTACAAAATACAAATCCAAT
GTGTCTGCTCCCAACAAAAGAAAGTTAAAGAAAGTAAAGAAAAGGAGAACTGGAGAGGCGTTTGTCTG
AGGAGTTGCTGAAGATGTTTCATGGACTCAGAGTCTTCTATTATAGCTTGACCTATGACCTAACCAACTC
AGTGCAGAGGCAGAGCACTGGGAGAAGGATGGCCGCCCTGTGGCAGAAGGTTGATGATCGATTTTTTC
TGAATAAGTACATGATCCAAGACCTCTCTGAGATTGGTACTCCGACGTGGACTTCTGGATCATCCCCA
TTATCCAGGGTTTGTGCAGATTGAAGAACTGGTGGTTAATTACGAGCCATCTGATGATGACAAGAGCAG
CCCAGAGACGCCCTCAGGAGGCCACTTGTGTAGATGACATTCACCCGCGATTTCTAGTGGCTCTTATA
TCTCGCAGGAGTAGGCACAGAGCAGGAATGCGGTATAAACGAAGAGGAGTGGATAAAAAATGGAAATGTTG
CAAATTATGTGGAGACTGAGCAGTTAATTCATGTTTATAATCATACTCTGTCTGTTTATTCAAACTCGAGG
CTCCGTGCCCGTCTTTTGGAGCCAGGTTGGGTATCGCTATAATCCAAGACCTCGACTAGACAAAAGTGAG
AAGGAGACAGTCGACTGTTTCTGTGCCATTTTGAAGAACAAGTAAAATTTACAAAAGCAGGTTATTG
TTAACTTGGTGGACCAGGCTGGAAGGGAGAAGATCATTGGTGTGCTTACCTGAAGCAGGTGCTGCTCTT
CAACAACCCAGGCTCACCTACGTCCTCTTTGATTTCCACGAGCACTGCCGAGGAATGAAGTTTGAAGT
GTTCAAACCCTAACGGATGCCATTACATGACATCCTTGATGATGAAGTGGTGTGGGTTGATCAAGCTG
GTGTGATATGTAAGCAAGAAGGAATTTTCGAGTTAATTGCAGTGCCTGGATCGCACCAACAGTGGT
CCAAGCTGCCATTGCACGAGTGGTCATGGAACAGCAGCTTAAAAAAGTGGTGTGATGCCCTGAGCAG
CCACTACCTGTGAAATGTAATCGGACCTACCAGATAATGTGGGCTAACAAACGGCGACTCCATCAGCAGAC
AGTATGCTGGCAGAGCTGCTCTAAAGGGCGACTTTACAAGAACAGGAGAAAGGAAGTTGGCAGGAGTTAT
GAAAGATGGAGTTAACTCAGCAAATAGGTACTACCTCAGCCGTTCAAGGATGCTTACAGGCAAGCTGTC



```

ATAGATTTGATGCAAGGCATTCCAGTGACGGAAGATCTTTATTCCATATTTACCAAGGAGAAGGAGCATG
AAGCTTTGCAGAAGGAGACCCAGAGAAGCCACCAAGAGCTCATCAGCCAGCTCTTACAGAGCTACATGCA
GTTGCTGCTGCCGGGGATGAGAAGTCCACGGGGCTGGGCCCTCATTGACTGTGACCCAGCCTCACT
GATGCTGCTCACAGAGATGTGGAGCTGCTACTGCTGCTTTCTAATTCTGCCTACTATGTGGCCTATTATG
ATGATGAAGTTGATAAAGTAAGCCAGTATCAACGACGGAGCCTGAAGACCTGGAAAAGATAGAAATAGG
TCCCGAGCCTACTCTTTTGGCAAACCAAAGTTCTCCTGCATGCGGCTGCACTACACGTGTAAGAAGCA
GGTGGTTACTTCCACACACTGAGAGCGTACCACGCAGTCTGAAGAAGACGGGAAAGATACTCTCCAGT
GCATTGCCGAGATGCTGCAGATACCAAGCAGGCCATGGGGCTGCATGTGCCATAATCGAGAGGAAACT
CGAGAGGAAGAGCAGCAAGCCTCATGAAGACATCATTGGTATCAGATCTCAAAACCAAGGCTCTCTGGCC
CAGGGGAAAAGCTTTTTAATGAGCAAATTTTCATCTCTAAATCAAAAAGTAAAGCAGACCAAATCCAATG
TGAACATTGGCAACCTACGCAAATAGGAACTTTACAAAGCCTGAAGTAAAAGTGAAGTCTTCTAAAACC
AAACTTAAAAGTCAACCTTTGAAATCAGATAGTAGTCTTGAGACCATGGAGAACCCAGGAGTGATGGGT
AACAAAGTCCAGGGGAGTCTGATGGGGACGTGCTCCTCAGATAATGACTCTTACCCTCTGATGAACTCC
TTACAAACTCCAGGTCTGAGGAAGCAAGCAGCTAGCCAACCTTTGGAGAGCGCAGGGCCAACAGACTA
CCTTCTCCGAGCTGTGGCATCATCGCCTCAGCGCCTCGTTAGGCAGCCGGTCCAGTCCGCCAGCAGC
ACCGACGTTAGCATCCATGCTCCCTCGGAAGCTACTGTTGGTCATGGACATGAGCTCGGAAAAGGCTGG
AGTCTCCCTGAAGAAAAGCCCTTCTGCTGACAACATACACATTGACTGGCTTTGCAAAGCCCATGGA
CGTTTACTGCCAGAGATTCGTGCAGGATGCACAGAAACAAATGAACGCGCTGTCGGAGGTGAGGGCTGTA
GCTCAGAACAGCGAGGAGGGAAATCACAAGACTAACCTGTTTCTAATGAAGAAACCCAGTCAGAATCAG
TGGAACAGATGCCTTCTCGGCCCTCAGTTAAATGTCTCTTGTCTGTGACAGGCCACAGTTGTTATC
AGTTGAACCAGCACATCCAGCGGTATCTCAGAAGACCCCGGCTCCGGGTCCAGCCTGCTGGACCTTGAG
GCAGGGCTTTGCGTAACCTCTTCTCAGAGAGCAGCAGCAGAGCAGTCTCTCCCTTTGCAAAGATCCGCA
GCTCCATGGTCCAGTTGCTAATATTACCAAGCTGGGTAACATCATGGGATAAACTTGGCAGTTGCCAA
AGTTCAGAAGAGTCCAGCAGAACCCGAAGTGGTTAACGAAATTCACAAAATGAACCTTAAAAATATGTTT
ACACAATGCCAGACACGAATAATTCAGATTAG

```

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107554

Insert Size:

3393 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_001107554.1](#), [NP_001101024.2](#)

RefSeq Size: 4794 bp
RefSeq ORF: 3393 bp
Locus ID: 309008
Cytogenetics: 1q37