

Product datasheet for **RR209119**

Inpp5f (NM_001107554) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Inpp5f (NM_001107554) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Inpp5f
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209119 representing NM_001107554
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGAGCTCTTTCAGGCCAAGGACCACTACATCCTGCAGCAGGGCGAGCGTGCCTGTGGTGCAGCCGGC
 GCGACGGCGGCCCTGCAGCTCCGACCGGCCACTGACCTACTTCTTGCCCTGGAACCCCAATTTGTTGGGATT
 GGTAGAAGGAGTAATTGGGAAGATTCAACTCCATTCAGATCTCCGTGGTGGCTTATTTTAAATTCGCGAG
 AAAGCATTGGTGGCAAACCTCCAGGAGACCATGAGGTCTGTAAAAGTACCAAGATTGCTGTATTGTCAC
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ATAGATTTGATGCAAGGCATTCCAGTGACGGAAGATCTTTATTCCATATTTACCAAGGAGAAGGAGCATG
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ACACAATGCCAGACACGAATAATTCAGATT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR209119 representing NM_001107554

Red=Cloning site Green=Tags(s)

MELFQAKDHYILQQGERALWCSRRDGGQLLRPATDLLLLAWNPICLGLVEGVIGKIQLHSDLPWWLILIRQ
KALVGKLPGDHEVCKVTKIAVLSLSEMEPQELELELCKKHHFGINKPEKIVPSPDDSKFLKFTFNKSN
VSAPNKKVKESKEKEKLERRLLEELLKMFMDSESFYYSLYDLTNSVQRQSTGEKDGRPLWQKVDDRRFF
WNKYMIQDLSEIGTPDVFWIPIIQQFVQIEELVVNYEPSDDDKSSPETPPQEATCVDDIHPRFLVALI
SRRSRHRAGMRYKRRGVDKNGNVANYVETEQLIHVHNHTLSFIQTRGSVPVFWVQVGYRYNPRRLDKSE
KETVDFCAHFEEQLKIYKKQVIVNLVDQAGREKIIIGDAYLKQVLLFNNPRLTYVSFDFHEHCRGMKFEN
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PLPVKCNRTYQIMWANNGDSISRQYAGTAALKGDFRTRGERKLAGVMKDGVNSANRYL SRFKDAYRQAV
IDL MQGIPVTEDLYSIFTFKEKEHEALQKETQRSHQELISQLLQSYMQLLLPGDEKFFHGGWALIDCDPLT
DAHRDQVLDVLLLSNSAYVYAYDDEVKVSQYQRRSLEDLEKIEIGPEPTLFGKPKFSCMR LH YTCKEA
GGYFHTLRAVPRSPPEEDGKDTLQCAEMLQITKQAMGLHVPIIERKLERKSSKPHEDIIGIRSQNQGLA
QGKSFMSKFSSLNQKVKQTKSNVNI GNLRKLGNF TKPEVKVNF LKPNLKVNLWKS DSSLETMENPGVMG
NKVQGESDGDVSSDND SYHSD ELLTNSRSEEKQLANSLE SAGPTDYLLPSCGIIASAPRLGSRQSASS
TDVSIHAPSEATVGHGHELKGLSPLKKSADNIHTLTGFAKPMDYCQRVQDAQNKMNALSEVRVAV
AQNSEEGNHKTNPVSNEETQSESV EQMPSRPSQLNVSCSVTGPQLLSVEPAHPAVSQKTPGSGSLLDLE
AGLCVTPSSSESSRAVSPFAKIRSSMVQVANITQAGLTHGINLAVAKVQKSPAEPV VNEIQQNELKNMF
TQCQTRIIQI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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

MW: 127.3 kDa