

Product datasheet for **RN207121**

Inpp5k (NM_001013859) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Inpp5k (NM_001013859) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Inpp5k
Synonyms:	Skip
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207121 representing NM_001013859
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGACTGCGAGTCTAAGGAAGCCGAGCGCACAAAGAGCTTATGCTCAGCATAACCGTTGTAACAT
 GGAATGTGGCCTCTGCAGCCCCACTGTGGACCTCAGTGACCTACTTCAACTGAACAACGAAGACCTGAA
 TCTGGACATATATCATTGGTTTGAGGAAATGAATTATGGGATCATAAGCCTTCTTTCTGATGCTGCC
 TTTGAGGACCCATGGAGCAGTTTCTTCATGGATATGCTTTCTCCACTGAACCTTGTCAAGATCTCTCAAG
 TCCGTATGCAGGGGCTTCTTTACTGGTCTTTGCCAAGTATCAGCATTGCGCTACATCCAGATCATCTC
 TACAAAATCCATTCTACTGGCCTCTACGGGACTGGGGGAACAAAGGGGAATCAACATCTGTCTGAAG
 CTTTACGGCTACTATGTCAGCATCGTCACTGCCACCTGCCTCCCACATGTACAACAATGACCAGCGCC
 TGGAGCACTTTGACCGCATCTTGAGAGTCTGACTTTTGAGGGATATGATGTCCCAACATCCTGGACCA
 TGACCTCATTCTGTGGTTTGGAGACATGAACCTTTCGAATCGAGGACTTTGGGCTGCTCTTTGTTCCAGGAG
 TGATAACAAAGAAGCGCTACAAAGAGCTGTGGGAGAAAGATCAGCTCTTCATTGCCAAGAAACAGGACC
 AGCTGCTCCGGGAGTTCAGGAAGGCCACTGCTCTTCCACCCACCTACAAGTTTGACAGGCACTCCAA
 CAACTATGACACCAAGTGAAGAAAACGCAAGCCTGCGTGGACTGACCGAATCCTGTGGAGTTGAAGCGG
 CAGCCAGCCAAGGCCAACCCCTCCGGCTTCTTGTGACACAGAAGGACTATGTCAGCCACATGACATACA
 GCATCAGTGACCAATAAGCCTGTCACTGGCACCTTCGACTTGGAGCTGAACCCACTGATGTCTGTCCCACT
 GATCACTATGATGCCTGAATACCTGTGGACCAAGGAGAACGACATGCTGATCAACTACACCTCCACCCCA
 GAGTTCCTCAGCAGCCCCTGGGACTGGATCGGACTATACAAGGTGGGGATGCGACACATTAATGACTATG
 TATCCTATGTCTGGTCCGTGACAACCAAGTCTCCCGTGGTAACAACCCAAACCGGTGTATATCAACAT
 CAGTGCTATCCCTGACACGGAGGAGCAGTTTCTTCTGTTACTATAGCAACAACCTGCACTCTATAGTG
 GGGATAAGTCAACCCCTCAAGATCCCGTCCGGTCTTTTTGAGAGAGGACACACTGTCTGAGCTTGAAC
 CACAGCT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013859

Insert Size: 1341 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_001013859.1](#), [NP_001013881.1](#)
RefSeq Size: 1701 bp
RefSeq ORF: 1341 bp
Locus ID: 287533
Cytogenetics: 10q24