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Product datasheet for RN210625

Inpp5d (NM_019311) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Inpp5d (NM_019311) Rat Untagged Clone

Tag: Tag Free

Symbol: Inpp5d

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF:

>RN210625 representing NM_019311
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCTGCCATGGTCCCTGGGTGGAACCATGGTAACATCACCCGATCCAAGGCAGAGGAGCTACTTTCCA
GAGCTGGCAAGGACGGGAGCTTCCTTGTGCGTGCCAGCGAGTCCATCCCCCGGGCCTACGCGCTCTGCGT
GCTGTTCCGGAATTGCGTTTACACTTACAGGATTCTGCCCAATGAGGACGATAAATTCACTGTTCAGGCA
TCCGAAGGTGTGCCCATGAGGTTCTTCACGAAGTTGGACCAGCTCATCGAGTTTTACAAGAAAGAAAACA
TGGGGCTGGTGACCCACCTGCAGTTCCCTGTGCCTCTGGAGGAGGAGGATGCTATTGATGAGCCTGAAGA
GGACACAGAAAGTGTCATGTCACCACCTGAGCTGCCTCCCAGAAACATCCCTGTGTCTGGTGGGCCCTGC
GAGGCCAAGGACCTTCCTCTTCCAACAGAGAACCCCCGAGCTCCTGAGGTCACCCGGCTGAGTCTCTCCG
AGACACTGTTTCAGCGTCTACAGAGTATGGATACCAGTGGGCTCCCGGAGGAGCACCTGAAAGCCATCCA
GGATTATCTGAGCACTCAGCTCATGCTGGACTCTGACTTTCTGAAGACAGGCTCCAGCAACCTCCCTCAC
CTGAAGAAGCTGACTTCACTCCTCTGCAAGGAACTCCATGGAGAAGTCATCAGGACCCTCCCGTCCCTGG
AGTCTCTGCAGAGGTTGTTTGACCAGCAGCTCTCCCCAGGCCTTCGCCCACGACCTCAGGTGCCCGGAGA
GGCCAATCCCATCACCATGGTGGCCAAACTGAGTCAATTGACAAGTCTGCTGTCTTCCATTGAAGATAAG
GTCAAGGCCTTGCTGCATGAGGGCTCTGAGTCTACCAACAGGCGTTCCCTTATCCCTCCGGTCACCTTTG
AGGTGAAGTCAGAGTCCCTGGGCATTCCTCAGAAAATGCATCTCAAAGTAGACGTCGAGTCTGGGAAACT
GATCATTAAGAAGTCCAGAGATGGTTCTGAGGACAAGTTCTACAGCCACAAAAAAATTCTGCAGCTCATT
AAGTCCCAGAAGTTTCTGAACAAGCTGGTGATTTTGGTGGAGACGGAGAAGGAGAAAATCCTGAGGAAGG
AGTATGTGTTTTCTGACTCTAAAAAGAGAGAAGGCTTCTGCCAGCTCCTGCAGCAGATGAAGAACAAGCA
CTCGGAGCAGTCAGAGCCTGACATGATCACCATCTTCATTGGCACTTGGAACATGGGTAATGCACCCCCT
CCCAAGAAGATCACGTCCTGGTTTCTCTCCAAGGGGCAGGGAAAGACACGGGACGACTCTGCTGACTATA
TCCCCCATGACATCTACGTGATTGGCACCCAGGAGGACCCCCTGGGAGAGAAGGAGTGGCTGGAGATACT
CAGGCACTCCCTGCAAGAAGTCACCAGCATGACATTTAAAACAGTTGCCATCCACACCCTCTGGAACATT
CGCATAGTGGTGCTCGCCAAGCCGGAGCATGAGAACCGGATCAGCCACATCTGCACTGACAATGTGAAGA
CAGGCATCGCGAACACCCTGGGAAACAAAGGAGCTGTGGGAGTGTCCTTCATGTTCAATGGAACCTCCTT
GGGGTTCGTCAACAGTCACTTGACTTCTGGAAGTGAAAAAAAACTCAGGCGAAATCAAAACTATATGAAC

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ATCCTGCGGTTCCTGGCCCTGGGAGACAAGAAGCTAAGCCCATTTAACATCACCCACCGCTTCACCCACC
TCTTCTGGCTTGGGGATCTCAACTACCGTGTGGAGCTGCCCACCTGGGAGGCAGAGGCCATCATCCAGAA
GATTAAGCAGCAGCAGTACTCAGATCTTCTGGCCCACGACCAACTGCTCCTGGAGAGGAAGGAGCAGGAA
GTCTTCCTGCACTTTGAGGAGGAGGAGATCACCTTCGCCCCCACCTATCGATTTGAAAGACTGACCCGGG
ACAAGTACGCTTACACGAAGCAGAAAGCCACAGGGATGAAGTACAATTTGCCATCCTGGTGCGACCGAGT
CCTCTGGAAGTCTTACCCGCTGGTGCATGTGGTCTGTCAGTCCTACGGCAGTACCAGTGACATCATGACG
AGTGACCACAGCCCTGTCTTTGCCACGTTTGAAGCAGGAGTCACATCGCAGTTCGTCTCCAAGAATGGTC
CTGGCGCCGTGGACAGCCAAGGGCAGATTGAGTTTCTTGCATGCTACGCCACACTGAAGACCAAGTCCCA
GACTAAGTTCTACTTGGAGCTCCACTCAAGCTGCTTAGAGAGTTTTGTCAAAAGTCAGGAAGGAGAAAAC
GAAGAGGGAGATGAAGGAGAACTGGTGGTACGGTTTGGAGAGACTCTTCCCAAGCTAAAGCCCATTATCT
CTGACCCTGAGTACTTACTGGACCAGCACATTCTGATCAGCATTAAATCTTCTGACAGTGACGAGTCCTA
TGGTGAAGGCTGCATTGCCCTTCGTCTGGAGACCACAGAGAGTCAGCTTCCCATCTACACACCTCTCACC
CACCACGGGGAGATGACTGGCCACTTCAGGGGAGAGATTAAGCTGCAGACCTCTGAGGGCAAGATGAGAG
AGAAGCTCTATGACTTTGTGAAGACAGAGCGGGATGAGTCCAGTGGAATGAAGTGCTTGAAGAACCTCAC
CAGCCATGACCCCATGAGGCAGTGGGAGCCTGCTGGCAGGGTCCCTGCATGTGGTATCTCCAGCCTCAAT
GAGATCATCAATCCAAACTATATTGGTATGGGGCCTTTTGGACAGCCCCTGCATGGGAAATCAACCCTGT
CCCCAGACCAGCAACTCACAGCCTGGAGTTATGACCAGCTCCCCAAGGACTCCTCCCTGGGGCCCGGGAG
GGGAGAGGGTCCTCCCACCCCTCCCTCCCAGCCACCTCTGTCACCAAAGAAGTTTTCATCCTCTACAGCC
AACCGAGGTTCCTGCCCCAGGGTGCAAGAAACAAGACCTGGCGATCTGGGAAAGGTGGAAGCCCTGCCGC
AGGAGGACCTGCCGCTGACGAAGCCCGAGATGTTTGAGAACCCACTGTATGGGTCCGTGAGTCCCTTCCC
TAAGCTGGTGCCCAGGAAAGAGCAGGAGTCTCCCAAGATGATGCGCAAGGAGCCCCCGCCCTGCCCAGAC
CCAGGAGTCTCTTCACCCAGCATCATGCTCCCCAAAGCCCAAGAGGTGGAGAATGTCAAGGGGACGAGCA
AACAGGCCCCTGTGCCTGTCTTTGGCCCCACACCCCGGATCCGTTCCTTTACCTGTTCCTCCTCTGCTGA
GGGCAGGATGCCCAGTGGGGACAAGAGCCAAGGGAAGCCCAAGGCCCCAGCCAGTTCCCAAGCCCCAGTG
CCAGTCAAGAGGCCCGTCAAGCCTTCCAGGTCAGAAATGAGCCAGCAGACAACGCCCATCCCAGCTCCAC
GGCCACCCCTGCCAGTCAAGAGTCCTGCAGTCTTGCAGCTGCAGCATTCCAAAGGCAGAGACTACCGTGA
CAACACAGAACTCCCCCACCATGGCAAGCACCGCCAGGAGGAGAGTCTGCTTGGCAGAACTGCCATGCAG
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_019311

Insert Size: 3573 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_019311.1, NP_062184.1
RefSeq Size:	4943 bp
RefSeq ORF:	3573 bp
Locus ID:	54259
UniProt ID:	P97573
Cytogenetics:	9q35
Gene Summary:	phosphatase involved in the inhibitory action of the mast cell function-associated antigen [RGD, Feb 2006]