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Product datasheet for SC336600

INPP5F (NM_001243194) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	INPP5F (NM_001243194) Human Untagged Clone
Tag:	Tag Free
Symbol:	INPP5F
Synonyms:	hSAC2; MSTP007; MSTPO47; SAC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>SC336600 representing NM_001243194.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGTCATGACGTAATTTTTATGGCTTGGCTCAAGCAACAATTTTCAGAGTGCACCCTCATTGATGCT
ACTCACAGAGACGTGGATGTGCTGTTACTGCTTTCTAACTCTGCCTACTACGTGGCCTATTATGATGAT
GAAGTTGATAAAGTAAACCAGTATCAACGACTAAGTCTAGAAAACCTGGAAAAAATTGAAATAGGCCCT
GAACCCACTCTTTTTGGTAAGCCAAAGTTCTCCTGCATGCGACTGCACTACAGATACAAAGAAGCGAGT
GGCTATTTCCACACATTGCGAGCTGTAATGCGTAATCCTGAAGAGGATGGAAAAGATACCCTTCAGTGC
ATTGCAGAGATGCTGCAGATCACCAAGCAAGCCATGGGATCGGATTTACCCATAATTGAGAAGAAACTT
GAGAGGAAGAGCAGTAAACCTCACGAAGACATCATTGGTATCAGGTCTCAAAACCAAGGTTCTTTGGCC
CAGGGAAAGAATTTTTTAATGAGCAAATTTTCATCTCTAAATCAAAAAGTGAAGCAGACCAAATCCAAT
GTAAATATTGGCAACCTCCGAAAGCTAGGAAACTTTACCAAACCTGAAATGAAAGTTAACTTTCTAAAA
CCAAACTTAAAAGTAAATCTTTGGAAATCAGATAGTAGTCTTGAAACTATGGAAAACACAGGAGTGATG
GATAAGGTTCAGGCAGAGTCTGATGGGGACATGTCTTCAGATAATGACTCATACCACTCTGATGAATTC
CTTACAAATTCTAAGTCTGATGAAGACAGGCAGCTAGCTAACTCATTAGAGAGTGTAGGGCCAATAGAT
TACGTTCTTCCTAGTTGTGGTATTATTGCCTCAGCGCCTCGATTGGGCAGTCGGTCCCAGTCTCTTAGC
AGCACAGATAGTAGCGTTCATGCTCCTTCAGAGATTACTGTTGCTCATGGGAGTGGGCTTGGAAAAGGC
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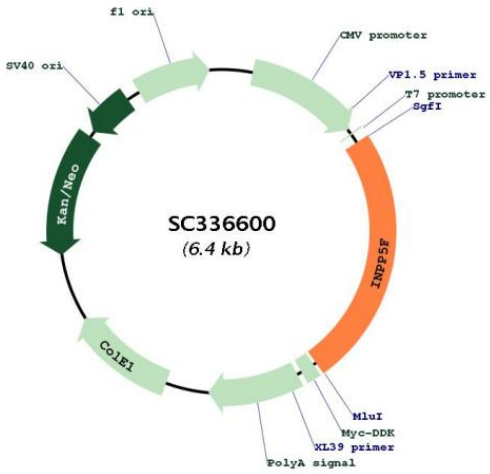
TCTGTGTCTCAGCAGGCTAGTCAGGAAAGAAATCAAATGACCAATCAAGTTTCAAATGAAACCCAATCA
GAATCAACAGAACAGACACCTTCTCGGCCATCGCAATTAGATGTCTCTCTTTCTGCAACAGGCCCACAG
TTTTTGTCAGTTGAGCCAGCGCATTCAGTTGCATCTCAAAAAACCCCCACCTCCGCTTCCAGCATGCTT
GAACTTGAGACAGGGCTTCATGTAACTCCTTCTCCTTCAGAGAGCAGTAGCAGCAGAGCAGTCTCTCCC
TTTGCCAAGATTCGAAGTTCCATGGTCCAGGTTGCTAGTATTACCCAAGCTGGATTAACCCATGGGATA
AACTTTGCAGTGTCAAAAGTTCAGAAGAGTCCTCCAGAACCTGAAATCATTAATCAAGTCCAGCAAAAT
GAACTTAAAAAGATGTTTATACAATGCCAGACACGGATAATTCAGATTTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001243194

Insert Size:	1569 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_001243194.1
RefSeq Size:	3167 bp
RefSeq ORF:	1569 bp
Locus ID:	22876
UniProt ID:	Q9Y2H2
Cytogenetics:	10q26.11
Protein Families:	Druggable Genome
MW:	57.8 kDa
Gene Summary:	The protein encoded by this gene is an inositol 1,4,5-trisphosphate (InsP3) 5-phosphatase and contains a Sac domain. The activity of this protein is specific for phosphatidylinositol 4,5-bisphosphate and phosphatidylinositol 3,4,5-trisphosphate. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2011] Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and uses an alternate start codon, compared to variant 1. The encoded isoform (2) is shorter and has a distinct N-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.