

Product datasheet for **SC212571**

INPP5E (NM_019892) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: INPP5E (NM_019892) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: INPP5E
Synonyms: CORS1; CPD4; JBTS1; MORMS; pharbin; PPI5PIV
ACCN: NM_019892
Insert Size: 1086 bp
Insert Sequence: >SC212571 3'UTR clone of NM_019892
The sequence shown below is from the reference sequence of NM_019892. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACTCCAGCACCATCTGCTCCGTTTCTTGAAGTTTGTGAACGAGGACTCACAGCTGCAACGTGGGGTG
ATTGTATTGATCAAACCCACTGGGAAGGACAAAGAGTTTGCCGCCTTTTCGGGGATCCGAGGGACTGTG
GGGACCGTGCCTCTGTGCCAGCGTCCCAGGAAGGAAGCCAACCCTGAGCGAGCCTGCTCCTGTGGCAG
GTCCACACGGTGTGGGTGGGCGAGGGCTTGACCCCGTCTCCATGGCAGGTCCATACAGCATGGGTGGC
AGGGTTTGGACCCGCCAGCAGCACCACGGACCCAGCCACTCTCGGGGGCAGACGTGAGAATCCGTTC
CTGAGCAGCTCCTGTGCCCTGGGGCAGTACAGAGCCCCCAACACCCCGTGTCTGCACCAGCCTC
TCCCTCCACACCCGAAGCAGGCGTCCATCTGTGTCTCCTGGCAGCCCTCAAACACACACCACCCCAT
GTCACACGGGTATCCAGAGCAAGGCTGGATCTGGGCTAGGTGACCCTGGGGCCTCAGACCTCTGAGTG
GGCCCCAGAGCCAGCTGAGGAAGCCACACAGCCTCCAGGACGTGGCAGGTTCCCTCCACTTGGCTG
CAAGTCGCTGCCATGGGGCGAGGAGGCTGCACCCAGTATAAGGGCCTCCCCAGCTGAGTAAGAAGC
TGCTTCCCTCCTCATAGGCCAAGCCTATTGTGTGAAACCATCTCATGGTCTTGGTGACGTAGACCA
TTTTTGAACCGTCTCATGGTCTTGGTGACGTAGACCGTTTGCTTCTTAACTCCAGCCGCGGAATGAC
ATTAGTGAACCGGGCTAGGGAAGTCTGGAAGTTGAGGATGCCACCACCTTGAACACCTAGGCCAGGG
ATCCCCACCATGTCCCGGTTTCTTTCTTCGAGAGTATAGAACCCTTCACTTGTGTTGTGCCATT
CCATCTTTGAAAAATGTAGTCTTTGAATGTGTGAAAATCTAGGGACATTCAATCTAGTCTTTAAAT
TATTTTCCATATTTATATTTTAAATAAATGCATATATTGAGTCTTAAAA
ACGGGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_019892.6
Summary:	The protein encoded by this gene is an inositol 1,4,5-trisphosphate (InsP3) 5-phosphatase. InsP3 5-phosphatases hydrolyze Ins(1,4,5)P3, which mobilizes intracellular calcium and acts as a second messenger mediating cell responses to various stimulation. Studies of the mouse counterpart suggest that this protein may hydrolyze phosphatidylinositol 3,4,5-trisphosphate and phosphatidylinositol 3,5-bisphosphate on the cytoplasmic Golgi membrane and thereby regulate Golgi-vesicular trafficking. Mutations in this gene cause Joubert syndrome; a clinically and genetically heterogenous group of disorders characterized by midbrain-hindbrain malformation and various associated ciliopathies that include retinal dystrophy, nephronophthisis, liver fibrosis and polydactyly. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]
Locus ID:	56623
MW:	40.3