

Product datasheet for SC213254

HISPPD2A (PIIP5K1) (NM_001130858) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HISPPD2A (PIIP5K1) (NM_001130858) Human 3' UTR Clone
Symbol:	HISPPD2A
Synonyms:	HISPPD2A; hsVIP1; IP6K; IPS1; VIP1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001130858
Insert Size:	1229 bp
Insert Sequence:	>SC213254 3'UTR clone of NM_001130858 The sequence shown below is from the reference sequence of NM_001130858. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GCCCAGGAGGTCCCTGAGGAGATAAATAGAGTCTGGGTGGTCCCTGAAGTGATTGATCAGCTGCCT
GGAGAGGGTATTCTCAAGCCCAGCATCCATCTGGTGATCCAAACCTCAGAGCCAGTCTCTAGCCCAT
GACCAGCACTACCCCTTCCACCAGCAACATGTGATTAATTTTCTCATTAGTGGTATCACACTATACCA
GCCATTTGAGCCAGCAACCTTTTCTGTTGGCTAACTCACTGGCCAGCTCTCACCAGCGGTGTCTGGGGA
AGTAGTTCTCTTTGTATGAAGCATACCTGTGCCAGAGCTGTGGTTGAGGAGGAGCCAGTTTATAGTTTCG
AAGAAGCCATTGGCTCCTCACTTAGCCATTAGACTTGAATAGGATTTCTTGGGGTGGGTGGTCTGTCT
ATTACCCAGCCTTCTCTGAGCATCCTAGGAAATCACAGATTGTTAAAGGAAATGCCGCTTCACTGCTGA
AGACACCATCTGGCGACAGCAAAATGCAAAAGAGGGGACTCTAGGGTCTTCACTTTTCTGGGGAAATGTT
CACGACTTCTCAAGGTACGCTTAGACCATATGTGCATTCAGGGGACTCTTGTCTTTGCCAGCACTCCTC
AGGTGAGCCCGGGATGGCTATCTGAAATGTCTGAAAAATAGAGTCCCTTCCCAACATCTGACATGGC
CACTAAATCTTTAGACTTGCCTTATAGATCCTTCCATATCATCCCAAGTGCCCTTCTGCCTCAGTCC
TGTTCTCTGGGCAATAGCTCTAGGGAAAAGTAGGTATTAGACTGCTGTGCAAAATTCAGAGCAACTAC
TTAAAATGCTCTAGAGGATTCTTAGCCAGTCTGTGAAAGTGGGCTCCTCTGTGGTGGGGCTGTTTGGC
TTAGGAGATGCTGTAGTAGTAGAGATAATCAGGTTCTATTTTAAGCAATCAGCAGAGATCAATATTGTA
CAGATACAAGCAAAGTTTAATAAATATATATATATATATTTTCTGTAGTTGTGCCAGGGACAGAC
TGGCCAAAGACCAAACTGCAGGGTCCCAAGAAATTTGCTTATATCATTGTGTCTGAGGGCCAGA
TATGATTATGAAGCTTTTCCAAAGATCCAGGGATGGGAATGGGAGTGGGTAGGAGGGTAAATGCGGTC
ATTGGAGTCGGGGCTGGAACATTATGAGTGCTCAATAAATAAACTAATGAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites:	Sgfl-Mlul
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:	<u>NM_001130858.4</u>
Summary:	This gene encodes a dual functional inositol kinase. The encoded enzyme converts inositol hexakisphosphate to diphosphoinositol pentakisphosphate and diphosphoinositol pentakisphosphate to bis-diphosphoinositol tetrakisphosphate. This protein may be important for intracellular signaling pathways. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 15.[provided by RefSeq, Jun 2010]
Locus ID:	9677
MW:	45.3