OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC203661

Inositol Hexakisphosphate Kinase 2 (IP6K2) (NM_016291) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Inositol Hexakisphosphate Kinase 2 (IP6K2) (NM_016291) Human 3' UTR Clone
Symbol:	Inositol Hexakisphosphate Kinase 2
Synonyms:	IHPK2; InsP6K2; PIUS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016291
Insert Size:	300 bp
Insert Sequence:	>SC203661 3'UTR clone of NM_016291 The sequence shown below is from the reference sequence of NM_016291. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ACAGAGATAAGTGAGGAGAGTGGGGAGTGAGCTTGCTAGCTGCTCCAGTACTTGAGAGCGACTCTGTGT CCCAGGCACAGCTGTGCTGCGTCAGGGAGGAAGCCAGTATGGCCAGGTGGTGGCTCCTGCAGCCTGGAG CTGATGTGCAGTGGCCTCTGTGAGCCCCAGCCTGAGCCAGTCCCAGCTGTGCTTGGAGTCTTTATTTAT TTTAACTATTTCTTCAACATTCCACATTTGATGATGATACCTCTTTCTTCCCTGAGTGTATATGTTCTA ATACAAATCTTTTTGTTTATTGTA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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_016291.4

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Summary: This gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4 and affect the growth suppressive and apoptotic activities of interferon-beta in some ovarian cancers. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Locus ID: 51447

MW: 11