Product datasheet for RC223857L4V

Inositol Hexakisphosphate Kinase 2 (IP6K2) (NM_001005911) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Inositol Hexakisphosphate Kinase 2 (IP6K2) (NM_001005911) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IP6K2
Synonyms:	IHPK2; InsP6K2; PIUS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001005911
ORF Size:	291 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223857).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001005911.2
RefSeq Size:	1254 bp
RefSeq ORF:	294 bp
Locus ID:	51447
UniProt ID:	Q9UHH9
Cytogenetics:	3p21.31
Protein Families:	Druggable Genome

View online »

MW:	11.2 kDa
Gene 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]