

## Recombinant Human IPMK Protein, GST-tagged

Cat. No. IPMK-5079H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human IPMK full-length ORF ( NP_689416.1, 1 a.a. - 416 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene encodes a member of the inositol phosphokinase family. The encoded protein has 3-kinase, 5-kinase and 6-kinase activities on phosphorylated inositol substrates. The encoded protein plays an important role in the biosynthesis of inositol 1,3,4,5,6-pentakisphosphate, and has a preferred 5-kinase activity. This gene may play a role in nuclear mRNA export. Pseudogenes of this gene are located on the long arm of chromosome 13 and the short arm of chromosome 19. [provided by RefSeq, Dec 2010]
<b>Molecular Mass</b>	73.6 kDa
<b>AA Sequence</b>	MATEPPSPLRVEAPGPPPEMRTSPAIESTPEGTPQPAGGRLRFLNGCVPLSHQVAGH MYGKDKVGLQHPDGTVLKQLQPPPRGPRELEFYNMVYAADCDFGVLLLELRKYLPK YYGIWSPPTAPNDLYLKLEDVTHKFNKPCIMDVKIGQKSYDPFASSEKIQQQVSKYPL MEEIGFLVLGMRVYHVHSDSYETENQHYSRSLTKETIKDGVSRFFHNGYCLRKDAV AASIQKIEKILQWFENQKQLNFYASSLLFVYEGSSQPTTTKLNDRTLAEKFLSKGQLS DTEVLEYNNNFHVLSSSTANGKIESSVVGKSLSKMYARHRKIYTKKHHSQTSCLKVENLE QDNGWKSMSQEHLNGNVLSQLEKVFYHLPTGCQEIAEVEVRMIDFAHVFPSTIDE

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GYVYGLKHLISVLRSDN

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**GENE INFORMATION**

**Gene Name**

[IPMK inositol polyphosphate multikinase \[ Homo sapiens \]](#)

**Official Symbol**

[IPMK](#)

**Synonyms**

IPMK; inositol polyphosphate multikinase; inositol 1,3,4,6-tetrakisphosphate 5-kinase;

**Gene ID**

[253430](#)

**mRNA Refseq**

[NM\\_152230](#)

**Protein Refseq**

[NP\\_689416](#)

**MIM**

[609851](#)

**UniProt ID**

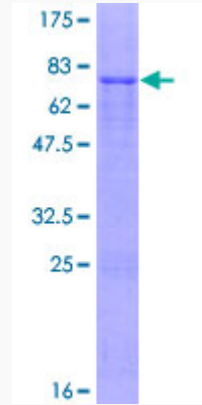
[Q8NFU5](#)

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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