

## Recombinant Human IP6K3 Protein, His-tagged

Cat. No. IP6K3-339H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IP6K3, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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. Alternative splicing results in multiple transcript variants encoding the same protein.
<b>Form</b>	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
<b>Molecular Mass</b>	46.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

**Gene Name** IP6K3 inositol hexakisphosphate kinase 3 [ Homo sapiens ]

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Official Symbol</b>	IP6K3
<b>Synonyms</b>	IP6K3; inositol hexakisphosphate kinase 3; IHPK3, inositol hexaphosphate kinase 3; INSP6K3; InsP6 kinase 3; inositol hexaphosphate kinase 3; ATP:1D-myo-inositol-hexakisphosphate phosphotransferase; IHPK3; MGC102928;
<b>Gene ID</b>	117283
<b>mRNA Refseq</b>	NM_001142883
<b>Protein Refseq</b>	NP_001136355
<b>MIM</b>	606993
<b>UniProt ID</b>	Q96PC2

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