

## Recombinant Human IP6K1, GST-tagged

Cat. No. IP6K1-139H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IP6K1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	N-term-300aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	IP6K1 inositol hexakisphosphate kinase 1 [ Homo sapiens ]
<b>Official Symbol</b>	IP6K1
<b>Synonyms</b>	IP6K1; inositol hexakisphosphate kinase 1; IHPK1, inositol hexaphosphate kinase 1; KIAA0263; insP6 kinase 1; Pi uptake stimulator; inositol hexaphosphate kinase 1; ATP:1D-myo-inositol-hexakisphosphate phosphotransferase; PIUS; IHPK1; MGC9925;

 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>Gene ID</b>	9807
<b>mRNA Refseq</b>	NM_001006115
<b>Protein Refseq</b>	NP_001006115
<b>MIM</b>	606991
<b>UniProt ID</b>	Q92551
<b>Chromosome Location</b>	3p21.31
<b>Pathway</b>	inositol pyrophosphates biosynthesis, organism-specific biosystem; inositol pyrophosphates biosynthesis, conserved biosystem; superpathway of inositol phosphate compounds, organism-specific biosystem;
<b>Function</b>	ATP binding; inositol hexakisphosphate 1-kinase activity; inositol hexakisphosphate 3-kinase activity; inositol hexakisphosphate 5-kinase activity; inositol-1,4,5-trisphosphate 3-kinase activity; kinase activity; nucleotide binding; transferase activity;

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