

Recombinant Human IP6K1, GST-tagged

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	IP6K1 inositol hexakisphosphate kinase 1 [Homo sapiens]
Official Symbol	IP6K1
Synonyms	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  Fax: 1-631-938-8127

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

Gene ID	9807
mRNA Refseq	NM_001006115
Protein Refseq	NP_001006115
MIM	606991
UniProt ID	Q92551
Chromosome Location	3p21.31
Pathway	inositol pyrophosphates biosynthesis, organism-specific biosystem; inositol pyrophosphates biosynthesis, conserved biosystem; superpathway of inositol phosphate compounds, organism-specific biosystem;
Function	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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