

Recombinant Human ITPKC, GST-tagged

Cat. No. ITPKC-192H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITPKC protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-358aa
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	ITPKC inositol-trisphosphate 3-kinase C [Homo sapiens]
Official Symbol	ITPKC
Synonyms	ITPKC; inositol-trisphosphate 3-kinase C; inositol 1,4,5 trisphosphate 3 kinase C; IP3 3KC; IP3KC; IP3K C; IP3 3-kinase C; InsP 3 kinase C; insP 3-kinase C; inositol 1,4,5-trisphosphate 3-kinase C; IP3-3KC;

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Gene ID	80271
mRNA Refseq	NM_025194
Protein Refseq	NP_079470
MIM	606476
UniProt ID	Q96DU7
Chromosome Location	19q13.1
Pathway	1D-myo-inositol hexakisphosphate biosynthesis II (mammalian), organism-specific biosystem; 1D-myo-inositol hexakisphosphate biosynthesis II (mammalian), conserved biosystem; D-myo-inositol (1,3,4)-trisphosphate biosynthesis, organism-specific biosystem; D-myo-inositol (1,3,4)-trisphosphate biosynthesis, conserved biosystem; superpathway of D-myo-inositol (1,4,5)-trisphosphate metabolism, organism-specific biosystem; superpathway of D-myo-inositol (1,4,5)-trisphosphate metabolism, conserved biosystem; superpathway of inositol phosphate compounds, organism-specific biosystem;
Function	ATP binding; calmodulin binding; inositol-1,4,5-trisphosphate 3-kinase activity; kinase activity; nucleotide binding; transferase activity;

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