

Active Recombinant Full Length Human ITK Protein, DDK-tagged, Biotinylated

Cat. No. ITK-1241HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human ITK [2-620(end) amino acids of accession number NP_005537.3] was expressed as N- terminal DYKDDDDK tagged, biotinylated protein (75 kDa) using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose and activated with ATP. Activated protein was purified by using gel filtration.
Species	Human
Source	Sf21 Cells
ProteinLength	2-620(end)
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.
Purity	90%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

 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

Conjugation	Biotin
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GENE INFORMATION

Gene Name	IL2-inducible T-cell kinase
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Official Symbol	ITK
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Synonyms	ITK;EMT;LPFS1;LYK;PSCTK2
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Protein Refseq	NP_005537.3
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UniProt ID	Q08881
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