

Active Recombinant Full Length Human ITK Protein, GST-tagged

Cat. No. ITK-2292HF 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 GST-fusion protein (99 kDa) using baculovirus expression system. GST-ITK was purified by using glutathione sepharose chromatography.
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	85%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

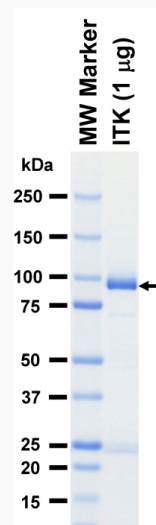
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GENE INFORMATION

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

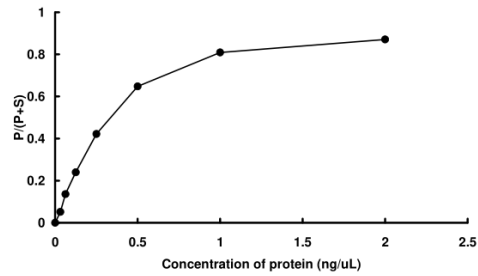
SDS-PAGE

The purity was assessed by SDS-PAGE/CBB staining.

 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

Activity data**Activity data**

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.

 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