

Active Recombinant Human ITK Protein

Cat. No. ITK-4961H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ITK (NM_005546, 1 a.a.- 620 a.a.) full-length recombinant protein expressed in Sf9 cells.
Species	Human
Source	Insect Cells
Description	This gene encodes an intracellular tyrosine kinase expressed in T-cells. The protein contains both SH2 and SH3 domains which are often found in intracellular kinases. It is thought to play a role in T-cell proliferation and differentiation. [provided by RefSeq]
Form	Liquid
Bio-activity	11 pmol/μg x min
Molecular Mass	101.727 kDa
Applications	Functional Study SDS-PAGE
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Concentration	0.073 μg/μL
Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 4 mM reduced glutathione,

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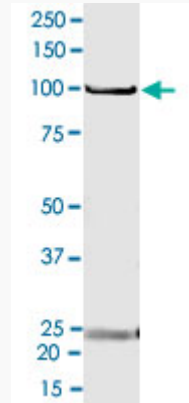
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 45-1 Ramsey Road, Shirley, NY 11967, USA

20% glycerol)

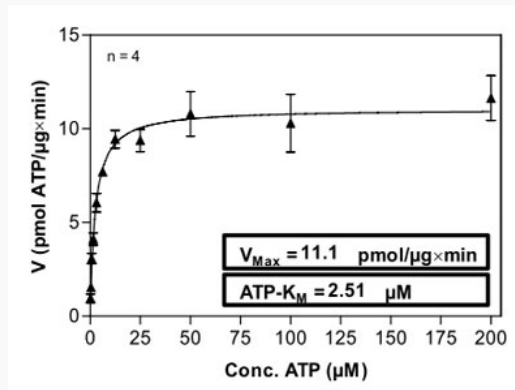
GENE INFORMATION**Gene Name** [ITK IL2-inducible T-cell kinase \[Homo sapiens \]](#)**Official Symbol** [ITK](#)**Synonyms** ITK; IL2-inducible T-cell kinase; tyrosine-protein kinase ITK/TSK; EMT; LYK; PSCTK2; kinase EMT; T-cell-specific kinase; tyrosine-protein kinase LYK; IL-2-inducible T cell kinase; IL-2-inducible T-cell kinase; homolog of mouse T-cell itk/tsk; interleukin-2-inducible T cell kinase; interleukin-2-inducible T-cell kinase; MGC126257; MGC126258;**Gene ID** [3702](#)**mRNA Refseq** [NM_005546](#)**Protein Refseq** [NP_005537](#)**MIM** [186973](#)**UniProt ID** [Q08881](#) 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

Quality Control
Testing



2 µg/lane SDS-PAGE Stained with Coomassie Blue

Result of activity
analysis



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