

Recombinant Mouse Itk protein, His & GST-tagged

Cat. No. Itk-1564M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Itk aa. (Leu368~Leu625 (Accession # Q03526)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu368~Leu625
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 59.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

Storage buffer Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point 5.1

GENE INFORMATION

Gene Name [Itk IL2 inducible T cell kinase \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Itk](#)

Synonyms Itk; IL2 inducible T cell kinase; Emt; Tsk; Tcsk; tyrosine-protein kinase ITK/TSK; T-cell-specific kinase; interleukin-2-inducible T cell kinase; kinase TLK

Gene ID [16428](#)

mRNA Refseq [NM_001281965.1](#)

Protein Refseq [NP_001268894.1](#)

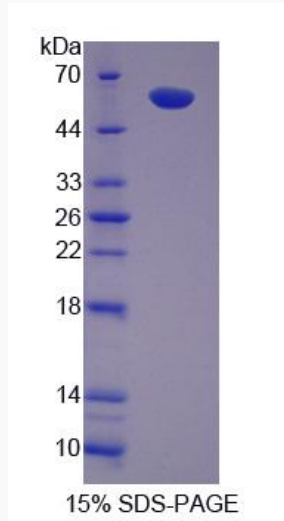
UniProt ID [Q03526](#)

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SDS-PAGE



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