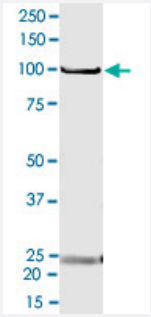
Bioactive Full-Length

ITK (Human) Recombinant Protein

Catalog # P4707 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human ITK (NM_005546, 1 a.a.- 620 a.a.) full-length recombinant protein expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	101.727
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	One-step affinity purification using GSH-agarose
Concentration	0.073 ug/uL

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Activity	11 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — ITK

Entrez GeneID	3702
Protein Accession#	NM_005546
Gene Name	ITK
Gene Alias	EMT, LYK, MGC126257, MGC126258, PSCTK2
Gene Description	IL2-inducible T-cell kinase
Omim ID	186973
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	homolog of mouse T-cell itk/tsk|tyrosine-protein kinase ITK/TSK|tyrosine-protein kinase LYK

Pathway

- Chemokine signaling pathway

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- Leukocyte transendothelial migration
- T cell receptor signaling pathway

Disease

- Asthma
- Celiac Disease
- Eczema
- Genetic Predisposition to Disease
- Hypersensitivity

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