

Recombinant Human ITK protein, Flag-tagged, Biotinylated

Cat. No. ITK-55H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITK [2-620(end) amino acids of accession number NP_005537.3] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	2-620 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	75 kDa
Purity	>90% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	ITK IL2-inducible T-cell kinase [Homo sapiens]
Official Symbol	ITK

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Synonyms	ITK; IL2-inducible T-cell kinase; EMT; LYK; PSCTK2; kinase EMT; T-cell-specific kinase; tyrosine-protein kinase LYK
Gene ID	3702
mRNA Refseq	NM_005546
Protein Refseq	NP_005537
MIM	186973
UniProt ID	Q08881
Chromosome Location	5q31-q32
Pathway	Adaptive Immune System, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class I PI3K signaling events, organism-specific biosystem; Fc-epsilon receptor I signaling in mast cells, organism-specific biosystem; Generation of second messenger molecules, organism-specific biosystem;
Function	ATP binding; metal ion binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding;

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