



Human ITK blocking peptide (CDBP1636)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ITK antibody
Antigen 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, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

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;
Entrez Gene ID	3702

mRNA Refseq	NM_005546
Protein Refseq	NP_005537
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;