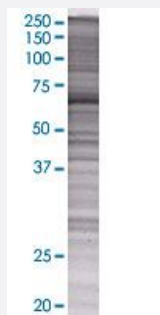


ITK 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003702-T01

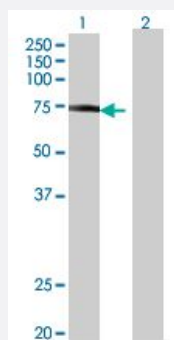
Size 100 uL

Applications



SDS-PAGE Gel

ITK transfected lysate.



Western Blot

Lane 1: ITK transfected lysate (68.31 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ITK full-length
Host	Human
Theoretical MW (kDa)	68.31
Interspecies Antigen Sequence	Mouse (93); Rat (94)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ITK antibody ([H00003702-B01](#)) by Western Blots.
SDS-PAGE Gel
ITK transfected lysate.
Western Blot
Lane 1: ITK transfected lysate (68.31 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — ITK

Entrez GeneID

[3702](#)

GeneBank Accession#

[NM_005546.3](#)

Protein Accession#

[AAI09078.1](#)

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](#)

- [Leukocyte transendothelial migration](#)
- [T cell receptor signaling pathway](#)

Disease

- [Asthma](#)
- [Celiac Disease](#)
- [Eczema](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)