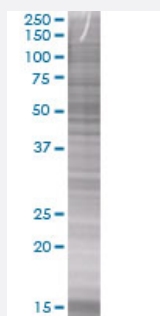


IL16 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003603-T01

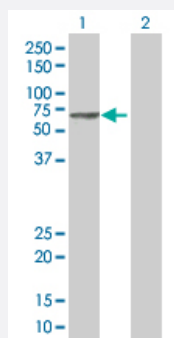
Size 100 uL

Applications



SDS-PAGE Gel

IL16 transfected lysate



Western Blot

Lane 1: IL16 transfected lysate (48.4 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-IL16 full-length
Host	Human
Theoretical MW (kDa)	48.4
Interspecies Antigen Sequence	Mouse (87); Rat (87)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-IL 16 antibody ([H00003603-B01](#)) by Western Blots.
SDS-PAGE Gel
IL16 transfected lysate
Western Blot
Lane 1: IL16 transfected lysate (48.4 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 — IL16

Entrez GeneID

[3603](#)

GeneBank Accession#

[BC040272](#)

Protein Accession#

[AAH40272](#)

Gene Name

IL16

Gene Alias

FLJ16806, FLJ42735, FLJ44234, HsT19289, IL-16, LCF, prIL-16

Gene Description

interleukin 16 (lymphocyte chemoattractant factor)

Omim ID

[603035](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication. The signaling process of this cytokine is mediated by CD4. The product of this gene undergoes proteolytic processing, which is found to yield two functional proteins. The cytokine function is exclusively attributed to the secreted C-terminal peptide, while the N-terminal product may play a role in cell cycle control. Caspase 3 is reported to be involved in the proteolytic processing of this protein. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000190849|OTTHUMP00000190850|interleukin 16|lymphocyte chemoattractant factor

Disease

- [Asthma](#)
- [Biliary Tract Neoplasms](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chronic Disease](#)
- [Colorectal Neoplasms](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [DNA Damage](#)
- [Edema](#)
- [Endometriosis](#)
- [Esophagitis](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Hepatitis C](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Inflammation](#)
- [Kidney Neoplasms](#)
- [Leukemia](#)
- [Liver Failure](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)

- [Lymphoma](#)
- [Nasopharyngeal Neoplasms](#)
- [Pain](#)
- [Periodontitis](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Stomach Neoplasms](#)