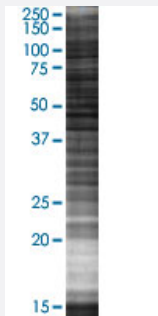


IL5RA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003568-T01

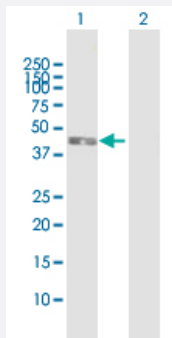
Size 100 uL

Applications



SDS-PAGE Gel

IL5RA transfected lysate.



Western Blot

Lane 1: IL5RA transfected lysate (38 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-IL5RA full-length
Host	Human
Theoretical MW (kDa)	38
Interspecies Antigen Sequence	Mouse (72); Rat (71)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-IL5RA antibody ([H00003568-B01P](#)) by Western Blots.
 SDS-PAGE Gel
 IL5RA transfected lysate.
 Western Blot
 Lane 1: IL5RA transfected lysate (38 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 — IL5RA

Entrez GeneID

[3568](#)

GeneBank Accession#

[NM_175725.1](#)

Protein Accession#

[NP_783852.1](#)

Gene Name

IL5RA

Gene Alias

CD125, CDw125, HSIL5R3, IL5R, MGC26560

Gene Description

interleukin 5 receptor, alpha

Omim ID

[147851](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Six alternatively spliced transcript variants encoding three distinct isoforms have been reported. [provided by RefSeq]

Other Designations

CD125 antigen|OTTHUMP00000115257|OTTHUMP00000115373|interleukin 5 receptor type 3|interleukin-5 receptor alpha chain|interleukin-5 receptor alpha subunit

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chlamydia Infections](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Eosinophilia](#)
- [Esophagitis](#)
- [Fetal Membranes](#)

- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Migraine Disorders](#)
- [Multiple Sclerosis](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Stroke](#)
- [Trachoma](#)