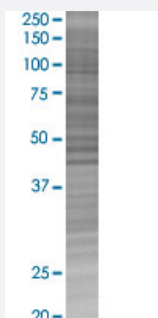


IL7R 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003575-T02

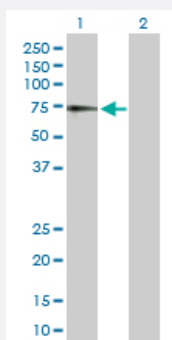
Size 100 uL

Applications



SDS-PAGE Gel

IL7R transfected lysate.



Western Blot

Lane 1: IL7R transfected lysate (51.50 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-IL7R full-length

Host Human

Theoretical MW (kDa) 51.5

Quality Control Testing Transient overexpression cell lysate was tested with Anti-IL7R antibody ([H00003575-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 IL7R transfected lysate.
 Western Blot
 Lane 1: IL7R transfected lysate (51.50 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 — IL7R

Entrez GeneID	3575
GeneBank Accession#	BC067539
Protein Accession#	AAH67539.1
Gene Name	IL7R
Gene Alias	CD127, CDW127, IL-7R-alpha, IL7RA, ILRA
Gene Description	interleukin 7 receptor
Omim ID	146661 600802
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is a receptor for interleukine 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukine 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in the V(D)J recombination during lymphocyte development. This protein is also found to control the accessibility of the TCR gamma locus by STAT5 and histone acetylation. Knockout studies in mice suggested that blocking apoptosis is an essential function of this protein during differentiation and activation of T lymphocytes. The functional defects in this protein may be associated with the pathogenesis of the severe combined immunodeficiency (SCID). [provided by RefSeq]
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Other Designations	CD127 antigen interleukin 7 receptor alpha chain
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Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)

- [Jak-STAT signaling pathway](#)
- [Primary immunodeficiency](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Helicobacter Infections](#)
- [HIV Infections](#)
- [Hyperparathyroidism](#)
- [Kaposi Varicelliform Eruption](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphomatoid Granulomatosis](#)
- [Lymphopenia](#)
- [Multiple Sclerosis](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Respiratory Hypersensitivity](#)

- [Sarcoidosis](#)
- [Severe combined immunodeficiency](#)
- [Stomach Neoplasms](#)
- [Syndrome](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)