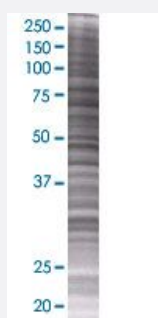


STAT4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006775-T01

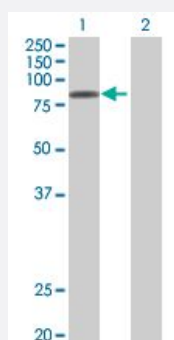
Size 100 uL

Applications



SDS-PAGE Gel

STAT4 transfected lysate.



Western Blot

Lane 1: STAT4 transfected lysate (82.39 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-STAT4 full-length

Host Human

Theoretical MW (kDa) 82.39

Quality Control Testing Transient overexpression cell lysate was tested with Anti-STAT4 antibody ([H00006775-B01](#)) by Western Blots.
 SDS-PAGE Gel
 STAT4 transfected lysate.
 Western Blot
 Lane 1: STAT4 transfected lysate (82.39 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 — STAT4

Entrez GeneID[6775](#)**GeneBank Accession#**[NM_003151.2](#)**Protein Accession#**[AAH31212.1](#)**Gene Name**

STAT4

Gene Alias

SLEB11

Gene Description

signal transducer and activator of transcription 4

Omim ID[152700 180300 600558](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is essential for mediating responses to IL12 in lymphocytes, and regulating the differentiation of T helper cells. [provided by RefSeq]

Other Designations

OTTHUMP00000163553

Pathway

- [Jak-STAT signaling pathway](#)

Disease

- [Antiphospholipid Syndrome](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Endometriosis](#)
- [Genetic Predisposition to Disease](#)
- [Giant Cell Arteritis](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)
- [Infant](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)

- [Lupus Nephritis](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Osteoarthritis](#)
- [Proteinuria](#)
- [Psoriasis](#)
- [Pulmonary Fibrosis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Scleroderma](#)
- [Tobacco Use Disorder](#)
- [Uveomeningoencephalitic Syndrome](#)
- [Wegener Granulomatosis](#)