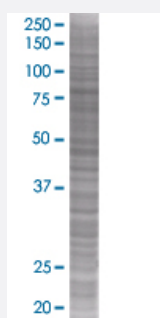


STAT1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006772-T01

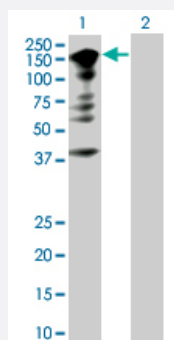
Size 100 uL

Applications



SDS-PAGE Gel

STAT1 transfected lysate



Western Blot

Lane 1: STAT1 transfected lysate (83 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-STAT1 full-length

Host Human

Theoretical MW (kDa) 83

Quality Control Testing Transient overexpression cell lysate was tested with Anti-STAT1 antibody ([H00006772-B01](#)) by Western Blots.
 SDS-PAGE Gel
 STAT1 transfected lysate
 Western Blot
 Lane 1: STAT1 transfected lysate (83 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 — STAT1

Entrez GeneID	6772
GeneBank Accession#	NM_139266
Protein Accession#	NP_644671
Gene Name	STAT1
Gene Alias	DKFZp686B04100, ISGF-3, STAT91
Gene Description	signal transducer and activator of transcription 1, 91kDa
Omim ID	209950 600555
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the STAT protein family. 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 can be activated by various ligands including interferon-alpha, interferon-gamma, EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. Two alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000165047 signal transducer and activator of transcription 1 signal transducer and activator of transcription-1 transcription factor ISGF-3 components p91/p84

Pathway

- [Chemokine signaling pathway](#)
- [Jak-STAT signaling pathway](#)

- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Campylobacter Infections](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)
- [Hepatitis B](#)
- [Hepatitis C](#)

- [Hypersensitivity](#)
- [Infant](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Neutropenia](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Papillomavirus Infections](#)
- [Proteinuria](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Salmonella Infections](#)
- [Thrombocytopenia](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)

- [Werner syndrome](#)