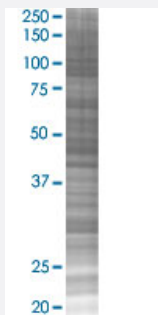


STAT5A 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006776-T02

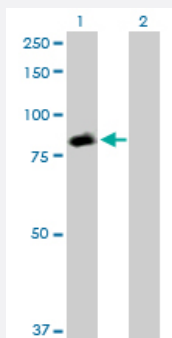
Size 100 uL

Applications



SDS-PAGE Gel

STAT5A transfected lysate.



Western Blot

Lane 1: STAT5A transfected lysate (90.60 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-STAT5A full-length

Host Human

Theoretical MW (kDa) 90.6

Quality Control Testing Transient overexpression cell lysate was tested with Anti-STAT5A antibody ([H00006776-D01P](#)) by Western Blots.
SDS-PAGE Gel
STAT5A transfected lysate.
Western Blot
Lane 1: STAT5A transfected lysate (90.60 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 — STAT5A

Entrez GeneID	6776
GeneBank Accession#	NM_003152.2
Protein Accession#	NP_003143.2
Gene Name	STAT5A
Gene Alias	MGF, STAT5
Gene Description	signal transducer and activator of transcription 5A
Omim ID	601511
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 activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different growth hormones. Activation of this protein in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for the tumorigenesis. The mouse counterpart of this gene is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of this gene in cells. [provided by RefSeq]
Other Designations	-

Pathway

- [Acute myeloid leukemia](#)
- [Chronic myeloid leukemia](#)

- [ErbB signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hepatitis C](#)
- [Infant](#)
- [Leukemia](#)
- [Liver Neoplasms](#)
- [Lupus Erythematosus](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Respiratory Syncytial Virus Infections](#)
- [Viremia](#)