

STAT2 (Human) Cell-Based ELISA Kit

Catalog # KA3505

Size 1 Kit

Specification

Product Description	STAT2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of STAT2 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — STAT2

Entrez GeneID	6773
Gene Name	STAT2
Gene Alias	ISGF-3, MGC59816, P113, STAT113
Gene Description	signal transducer and activator of transcription 2, 113kDa
Omim ID	600556

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. In response to interferon (IFN), this protein forms a complex with STAT1 and IFN regulatory factor family protein p48 (ISGF3G), in which this protein acts as a transactivator, but lacks the ability to bind DNA directly. Transcription adaptor P300/CBP (EP300/CREBBP) has been shown to interact specifically with this protein, which is thought to be involved in the process of blocking IFN-alpha response by adenovirus. [provided by RefSeq]

Other Designations

interferon alpha induced transcriptional activator|signal transducer and activator of transcription 2

Pathway

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

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hepatitis C](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)

- [Multiple Sclerosis](#)
- [Neutropenia](#)
- [Thrombocytopenia](#)
- [Thyroid Neoplasms](#)