# abcam

### Product datasheet

## Recombinant Human STAT2 protein ab43617

#### 画像数1

製品の詳細

製品名 Recombinant Human STAT2 protein

精製度 > 90 % SDS-PAGE.

The purity was determined to be >90% by densitometry. Affinity purified.

**発現系** Baculovirus infected Sf9 cells

タンパク質長 Full length protein

Animal free No

由来 Recombinant

生物種 Human

特性

Our Abpromise guarantee covers the use of ab43617 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション Western blot

製品の状態 Liquid

備考 Recombinant full-length human STAT2 was expressed by baculovirus in Sf9 insect cells using an

N-terminal GST tag.

前処理および保存

保存方法および安定性 Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 7.50

Constituents: 0.87% Sodium chloride, 25% Glycerol (glycerin, glycerine), 0.79% Tris HCl,

0.00385% DTT, 0.00174% PMSF

関連情報

機能 Signal transducer and activator of transcription that mediates signaling by type I IFNs (IFN-alpha

and IFN-beta). Following type I IFN binding to cell surface receptors, Jak kinases (TYK2 and

JAK1) are activated, leading to tyrosine phosphorylation of STAT1 and STAT2. The

phosphorylated STATs dimerize, associate with ISGF3G/IRF-9 to form a complex termed ISGF3

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 $transcription \, factor, \, that \, enters \, the \, nucleus. \, ISGF3 \, binds \, to \, the \, IFN \, stimulated \, response \, element$ 

(ISRE) to activate the transcription of interferon stimulated genes, which drive the cell in an

antiviral state.

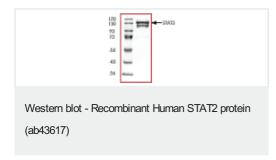
**配列類似性** Belongs to the transcription factor STAT family.

Contains 1 SH2 domain.

翻訳後修飾 Tyrosine phosphorylated in response to IFN-alpha.

細胞内局在 Cytoplasm. Nucleus. Translocated into the nucleus upon activation by IFN-alpha/beta.

#### 画像



Demonstration of purity (>90% by densitometry) using western blot.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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