

Product datasheet

Recombinant human TYK2 protein ab125539

画像数 2

製品の概要

製品名	Recombinant human TYK2 protein
タンパク質長	Protein fragment

法規制情報

カルタヘナ法

製品の詳細

由来	Recombinant
由来	Baculovirus infected Sf9 cells
アミノ酸配列	
アクセッション番号	<a href="#">P29597</a>
生物種	Human
分子量	110 kDa including tags
領域	442 to 1187

特性

Our [Abpromise guarantee](#) covers the use of **ab125539** in the following tested applications.

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

**生理活性** The specific activity of ab125539 was determined to be 24 nmol/min/mg.

**アプリケーション** Western blot

Functional Studies

SDS-PAGE

**精製度** > 70 % Densitometry.

Purity determined to be >70% by densitometry.

**製品の状態** Liquid

**備考** [ab204877](#) (Poly (4:1 Glu, Tyr) peptide) can be utilized as a substrate for assessing kinase

activity

## 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: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol, 0.88% Sodium chloride

This product is an active protein and may elicit a biological response in vivo, handle with caution.

## 関連情報

### 機能

Probably involved in intracellular signal transduction by being involved in the initiation of type I IFN signaling. Phosphorylates the interferon-alpha/beta receptor alpha chain.

### 組織特異性

Observed in all cell lines analyzed. Expressed in a variety of lymphoid and non-lymphoid cell lines.

### 関連疾患

Defects in TYK2 are the cause of protein-tyrosine kinase 2 deficiency (TYK2 deficiency) [MIM:611521]; also known as autosomal recessive hyper-IgE syndrome (HIES) with atypical mycobacteriosis. TYK2 deficiency consists of a primary immunodeficiency characterized by recurrent skin abscesses, pneumonia, and highly elevated serum IgE.

### 配列類似性

Belongs to the protein kinase superfamily. Tyr protein kinase family. JAK subfamily.

Contains 1 FERM domain.

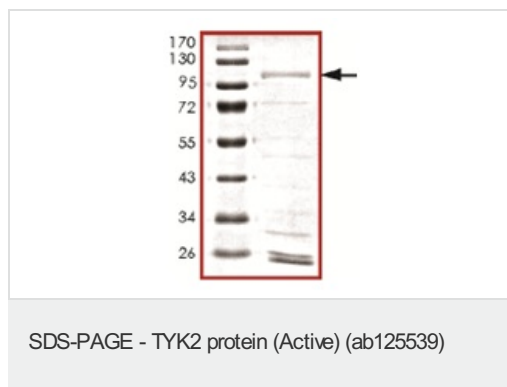
Contains 1 protein kinase domain.

Contains 1 SH2 domain.

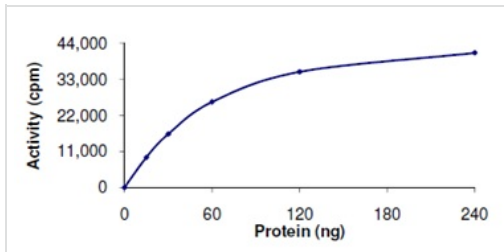
### ドメイン

The FERM domain mediates interaction with JAKMIP1.

## 画像



SDS-PAGE analysis of ab125539.



The specific activity of ab125539 was determined to be 24 nmol/min/mg by Kinase Assay.

Functional Studies - TYK2 protein (Active)  
(ab125539)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.co.jp/abpromise> or contact our technical team.

### Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors