

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	P29597
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.

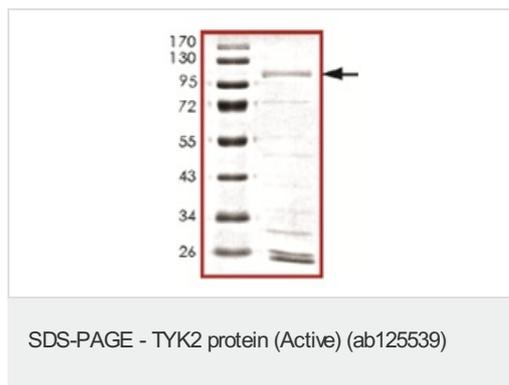
Contains 1 protein kinase domain.

Contains 1 SH2 domain.

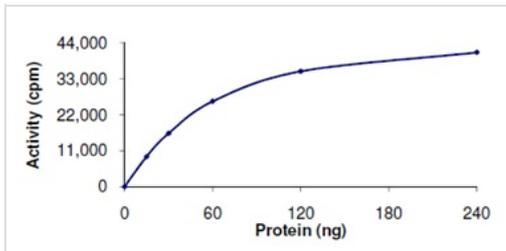
ドメイン

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)

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