

## Product datasheet

# Recombinant human HePTP / PTPN7 protein ab61136

画像数 2

### 製品の詳細

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製品名	Recombinant human HePTP / PTPN7 protein
精製度	> 90 % Densitometry.
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human

### 特性

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Our **Abpromise guarantee** covers the use of **ab61136** 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	SDS-PAGE Functional Studies
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製品の状態	Liquid
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### 前処理および保存

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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: 0.418% MOPS, 0.00174% PMSF, 0.00385% DTT, 30% Glycerol (glycerin, glycerine), 0.29% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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### 関連情報

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機能	Protein phosphatase that acts preferentially on tyrosine-phosphorylated MAPK1. Plays a role in the regulation of T and B-lymphocyte development and signal transduction.
組織特異性	Expressed exclusively in thymus and spleen.

## 配列類似性

Belongs to the protein-tyrosine phosphatase family. Non-receptor class subfamily.  
Contains 1 tyrosine-protein phosphatase domain.

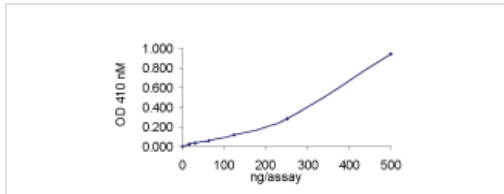
## 翻訳後修飾

Phosphorylated on serine residues in resting T-cells. Phosphorylation increases upon exposure to stimuli that increase intracellular cAMP levels. Phosphorylation leads to dissociation of bound MAP kinases.

## 細胞内局在

Cytoplasm.

## 画像



Sample Kinase Activity Plot.

Functional Studies - Recombinant human HePTP / PTPN7 protein (ab61136)



ab61136 on SDS-PAGE, MW ~67 kDa.

SDS-PAGE - Recombinant human HePTP / PTPN7 protein (ab61136)

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

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