

### Recombinant Human TPK1 protein ab123150

#### 1 图像

#### 描述

产品名称	重组人TPK1蛋白	
纯度	> 90 % SDS-PAGE. ab123150 is purified using conventional chromatography techniques.	
表达系统	Escherichia coli	
Accession	<b><u>Q9H3S4</u></b>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列		MGSSHHHHHH SSGLVPRGSH MGSMEHAFT PLEPLLSTGN LKYCLVILNQ PLDNYFRHLW NKALLRACAD GGANRLYDIT EGERESFLPE FINGDFDSIR PEVREYYATK GCELISTPDQ DHTDFTKCLK MLQKKIEEKD LKVDVIVTLG GLAGRFDQIM ASVNTLFQAT HITPFPIIII QEESLIYLLQ PGKHLRHVDT GMEGDWCGLI PVGQPCMQVT TTGLKWNLTN DVLAFGTLVS TSNTYDGSGV VTVETDHPLL WTMAIKS
预测分子量	30 kDa including tags	
氨基酸	1 to 243	
标签	His tag N-Terminus	

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab123150** in the following tested applications.

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

应用	Mass Spectrometry SDS-PAGE
质谱法	MALDI-TOF
形式	Liquid

## 制备和贮存

### 稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine)

## 常规信息

### 功能

Catalyzes the phosphorylation of thiamine to thiamine pyrophosphate. Can also catalyze the phosphorylation of pyriothiamine to pyriothiamine pyrophosphate.

### 组织特异性

Detected in heart, kidney, testis, small intestine and peripheral blood leukocytes, and at very low levels in a variety of tissues.

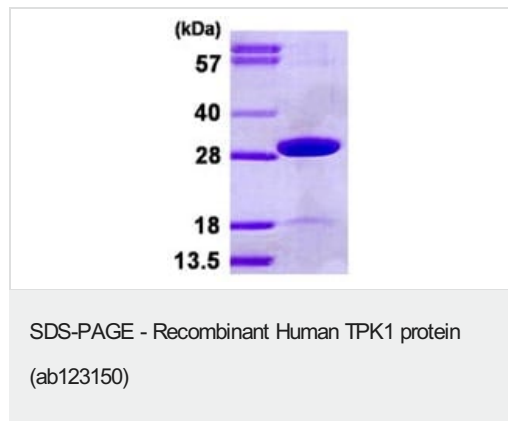
### 通路

Cofactor biosynthesis; thiamine diphosphate biosynthesis; thiamine diphosphate from thiamine: step 1/1.

### 序列相似性

Belongs to the thiamine pyrophosphokinase family.

## 图片



15% SDS-PAGE showing ab123150 at approximately 29.8kDa (3µg).

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

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