

## Product datasheet

# Recombinant Human AK6 protein ab104633

### 画像数 1

#### 製品の詳細

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製品名	Recombinant Human AK6 protein
精製度	> 90 % SDS-PAGE. ab104633 is purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<b><u>Q9Y3D8</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<b>MGSSHHHHHSSGLVPRGSHMLLPNILLTGTGPGVGKTTLG KELASKGLK YINVGDLAREEQLYDGYDEEYDCPILEDREVDELDNQMREG GVIVDYHG CDFFPERWFHIVFVLRDTDNVLYERLETRGYNEKKLTDNIQC EIFQVLYE EATASYKEEIVHQLPSNKPEELENVVDQILKWIEQWIKDHNS</b>
予測される分子量	22 kDa
領域	1 to 172
タグ	His tag N-Terminus

#### 特性

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Our **Abpromise guarantee** covers the use of **ab104633** 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 Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid

#### 前処理および保存

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## 保存方法および安定性

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

## 関連情報

### 機能

Broad-specificity nucleoside monophosphate (NMP) kinase that catalyzes the reversible transfer of the terminal phosphate group between nucleoside triphosphates and monophosphates. AMP and dAMP are the preferred substrates, but CMP and dCMP are also good substrates. IMP is phosphorylated to a much lesser extent. All nucleoside triphosphates ATP, GTP, UTP, CTP, dATP, dCTP, dGTP, and TTP are accepted as phosphate donors. CTP is the best phosphate donor, followed by UTP, ATP, GTP and dCTP. May have a role in nuclear energy homeostasis. Has also ATPase activity. May be involved in regulation of Cajal body (CB) formation.

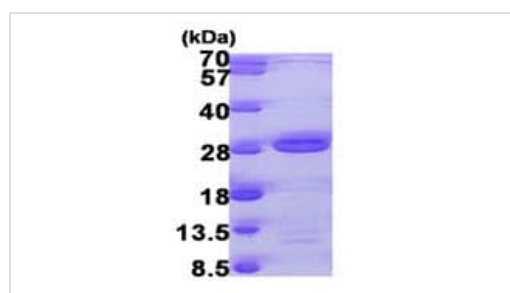
### 配列類似性

Belongs to the adenylate kinase family. AK6 subfamily.

### 細胞内局在

Nucleus > nucleoplasm. Nucleus > Cajal body. Displays widespread diffuse nucleoplasmic distribution but not detected in nucleoli. Detected in Cajal bodies but not in all cells.

## 画像



15% SDS-PAGE showing ab104633 (3 µg) at approximately 22.2 kDa. (Molecular weight on SDS-PAGE will appear higher).

SDS-PAGE - Recombinant Human AK6 protein  
(ab104633)

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

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- Replacement or refund for products not performing as stated on the datasheet
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- 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

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