

# Recombinant Human StAR protein ab115707

### 画像数 1

#### 製品の詳細

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製品名	Recombinant Human StAR protein
精製度	> 90 % SDS-PAGE. ab115707 was purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<b><u>P49675</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHSSGLVPRGSHMEETLYSDQELAYLQQGEEAMQ KALGILSN QEGWKKESQQDNGDKVMSKVVPDVGKVFRLLEVVDQPMERLY EELVERME AMGEWNPNVKEIKVLQKIGKDTFITHELAAEAAGNLVGRDF VSVRCAKR RGSTCVLAGMATDFGNMPEQKGVIRAEHGPTCMVLHPLAGSP SKTKLTWL LSIDLKGWLPKSIINQVLSQTQVDFANHLRKRLSEHPASEAR C
予測される分子量	27 kDa including tags
領域	64 to 285
タグ	His tag N-Terminus

#### 特性

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Our **Abpromise guarantee** covers the use of **ab115707** 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	Mass Spectrometry SDS-PAGE
質量分析	MALDI-TOF
製品の状態	Liquid

## 前処理および保存

### 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: 0.03% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine)

## 関連情報

### 機能

Plays a key role in steroid hormone synthesis by enhancing the metabolism of cholesterol into pregnenolone. Mediates the transfer of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane where it is cleaved to pregnenolone.

### 組織特異性

Expressed in gonads, adrenal cortex and kidney.

### パスウェイ

Steroid metabolism; cholesterol metabolism.

### 関連疾患

Defects in STAR are the cause of adrenal hyperplasia type 1 (AH1) [MIM:201710]. The most severe form of adrenal hyperplasia. It is a condition characterized by onset of profound adrenocortical insufficiency shortly after birth, hyperpigmentation reflecting increased production of pro-opiomelanocortin, elevated plasma renin activity as a consequence of reduced aldosterone synthesis, and male pseudohermaphroditism resulting from deficient fetal testicular testosterone synthesis. Affected individuals are phenotypic females irrespective of gonadal sex, and frequently die in infancy if mineralocorticoid and glucocorticoid replacement are not instituted.

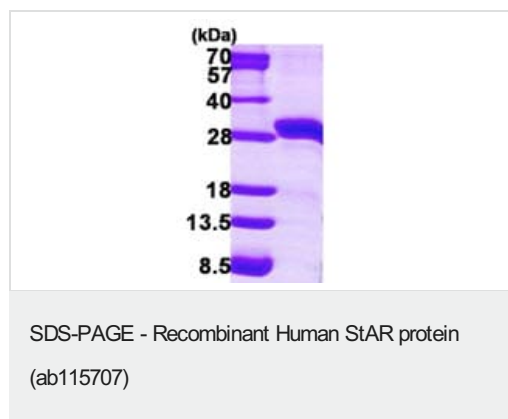
### 配列類似性

Contains 1 STAR domain.

### 細胞内局在

Mitochondrion.

## 画像



15% SDS-PAGE showing ab115707 at approximately 27.1kDa (3μg).

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

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

- 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

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 <https://www.abcam.co.jp/abpromise> or contact our technical team.

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