

# Recombinant Human Aromatase protein ab114260

画像数 1

### 製品の詳細

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製品名	Recombinant Human Aromatase protein
精製度	>= 80 % Purified via GST Tag. Glutathione Sepharose
発現系	Wheat germ
アクセッション番号	<b><u>P11511-2</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MVLEMLNPIHYNITSIVPEAMPAATMPVLLLLTGLFLLVWNYE GTSSIPGP GYCMGIGPLISHGRFLWMGIGSACNYYNRVYGEFMRVWISGE ETLIISKS SSMFHIMKHNYSSRFGSKLGLQCIGMHEKGIIFNNNPPELWK TTRPFFMK ALSGPGLVRMVTVCAESLKTHLDRLEEVTNESGYVDVLTLLR RVMLDTSN TLFLRIPLDGTEIFTLTS
予測される分子量	50 kDa including tags
領域	1 to 218
タグ	GST tag N-Terminus
配列の追加情報	Isoform 2 of Aromatase.

### 特性

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Our **Abpromise guarantee** covers the use of **ab114260** 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	ELISA SDS-PAGE Western blot
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 on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

## 関連情報

### 機能

Catalyzes the formation of aromatic C18 estrogens from C19 androgens.

### 組織特異性

Brain, placenta and gonads.

### 関連疾患

Defects in CYP19A1 are a cause of aromatase excess syndrome (AEXS) [MIM:139300]; also known as familial gynecomastia. AEXS is characterized by an estrogen excess due to an increased aromatase activity.

Defects in CYP19A1 are the cause of aromatase deficiency (AROD) [MIM:107910]. AROD is a rare disease in which fetal androgens are not converted into estrogens due to placental aromatase deficiency. Thus, pregnant women exhibit a hirsutism, which spontaneously resolves after post-partum. At birth, female babies present with pseudohermaphroditism due to virilization of external genital organs. In adult females, manifestations include delay of puberty, breast hypoplasia and primary amenorrhoea with multicystic ovaries.

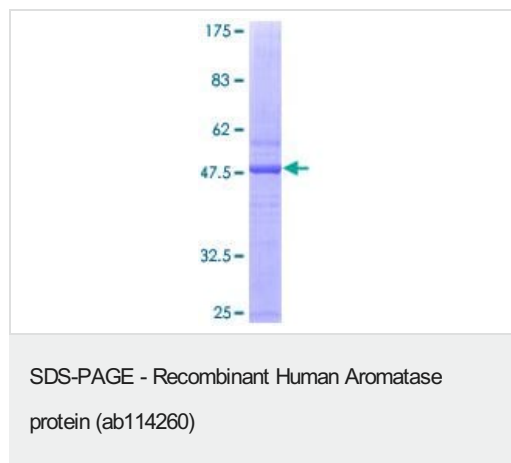
### 配列類似性

Belongs to the cytochrome P450 family.

### 細胞内局在

Membrane.

## 画像



ab114260 analysed by 12.5% SDS-PAGE and stained with Coomassie Blue.

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

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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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