

Recombinant Human Aromatase protein ab114260

画像数 1

製品の詳細

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	<u>P11511-2</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MVLEMLNPIHYNITSIVPEAMPAATMPVLLLTGLFLLVWNYE GTSSIPGP GYCMGIGPLISHGRFLWMGIGSACNYYNRVYGEFMRVWISGE ETLIISKS SSMFHIMKHNNHYSSRFGSKLGLQCIGMHEKGIIFNNNPWLK TTRPFFMK ALSGPGLVRMTVCAESLKTHLDRLEEVTNESGYVDVLTLLR 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

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
備考	

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.

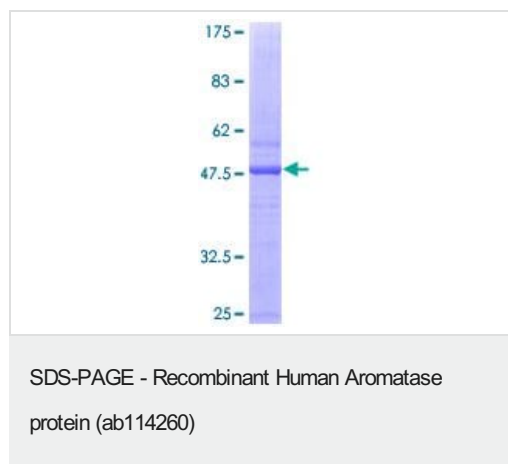
配列類似性

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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