

Product datasheet

Aromatase peptide ab51924

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製品の概要

製品名 Aromatase peptide

法規制情報

医薬用外毒物

製品の詳細

由来 Synthetic

特性

Our [Abpromise guarantee](#) covers the use of **ab51924** 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 Blocking - Blocking peptide for Anti-Aromatase antibody ([ab18995](#))

精製度 > 90 % SDS-PAGE.

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.

Preservative: 0.02% Thimerosal (merthiolate)

Constituents: 0.1% BSA, PBS, pH 7.2

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.

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