

Native Human hCG protein ab51782

製品の詳細

製品名	Native Human hCG protein
生理活性	The specific activity was found to be 5000 IU/mg. The biological activity of hCG is determined by using the seminal vesicle weight gain test in male rats described in the "Chorionic Gonadotrophins" monograph of the European Pharmacopoeia.
精製度	> 95 % SDS-PAGE. Purity: >98% as determined by SDS PAGE and HPLC. ab51782 is free of HbsAg, Hepatitis B surface antigen, and antibodies to HIV, Hepatitis C and HCV.
発現系	Native
タンパク質長	Full length protein
Animal free	No
由来	Native
生物種	Human

特性

Our **Abpromise guarantee** covers the use of **ab51782** 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
製品の状態	Lyophilized
備考	This product is manufactured by BioVision, an Abcam company and was previously called 4778 Chorionic Gonadotropin (CG), human. 4778-1000 is the same size as the 1 mg size of ab51782.

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: 7.40 Constituents: 10.269% Trehalose, 0.727% Dibasic monohydrogen potassium phosphate, 0.248% Monobasic dihydrogen potassium phosphate This product is an active protein and may elicit a biological response in vivo, handle with caution.
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関連情報

関連性	Human chorionic gonadotropin (hCG) is a glycoprotein hormone produced by trophoblastic cells of the placenta beginning 10 to 12 days after conception. Maintenance of the fetus in the first trimester of pregnancy requires the production of hCG, which binds to the corpus luteum of the ovary which is stimulated to produce progesterone which in turn maintains the secretory endometrium. hCG is present only in trace amounts in non pregnant urine and sera. It rises sharply during pregnancy. HCG is composed of two non identical, non covalently linked polypeptide chains designated as the a and b subunits. The a subunit of HCG is nearly identical to that of thyroid stimulating hormone (TSH), follicle stimulating hormone (FSH) and luteinizing hormone (LH). A germ cell tumor which is positive for cytokeratin, placental alkaline phosphatase (PLAP) and HCG but negative for EMA and AFP is probably a choriocarcinoma.
細胞内局在	Secreted

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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