

Product datasheet

Recombinant Human hCG beta protein ab191924

Description

Product name	Recombinant Human hCG beta protein
Purity	> 95 % SDS-PAGE. Purity greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/μg
Expression system	HEK 293 cells
Accession	<u>P01233</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	SKEPLRPRCRPINATLAVEKEGCPVCITVNTTICAGYCPTM TRVLQGVLP ALPQVVCNYRDVRFESIRLPGCPRGVNPVVSYAVALSCQ CALCRRSTTDC GGPKDHPLTCDDPRFQDSSSSKAPPPSLPSPSRLPGPS DTPILPQVDHHH HHH
Predicted molecular weight	17 kDa including tags
Amino acids	21 to 165
Tags	His tag C-Terminus
Additional sequence information	This product is the mature full length protein from aa 21 to 165. The signal peptide is not included.

Specifications

Our **Abpromise guarantee** covers the use of **ab191924** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage

Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 0.87% Sodium chloride, 99% Phosphate Buffer

Lyophilized from a 0.2 µM filtered solution.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

General Info

Relevance

Function: Stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. Tissue specificity: Placenta. Similarity: Belongs to the glycoprotein hormones subunit beta family. Developmental stage: Made by the first trimester placenta.

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
- Valid for 12 months from date of delivery
- 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.com/abpromise> or contact our technical team.

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