

Product datasheet

Recombinant Human Placental lactogen protein ab151913

Description

Product name	Recombinant Human Placental lactogen protein	
Purity	> 95 % SDS-PAGE. 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>P01243</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	VQTVPLSRLFDHAMLQAHRAHQLAIDTYQEFEEETYIPKDQK YSFLHDSQT SFCFSDSIPTSPNMEETQQKSNLELLRISLLIESWLEPVR FLRSMFANN LVYDTSDDSDDYHLLKDLEEGIQTLMGRLEDGSRRTGQILK QTYSKFDTNS HNHDALLKNYGLLYCFRKDMDKVETFLRMVQCRSVEGSC GFVDHHHHHH	
Predicted molecular weight	23 kDa including tags	
Amino acids	27 to 217	
Tags	His tag C-Terminus	

Specifications

Our **Abpromise guarantee** covers the use of **ab151913** 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 long term.

pH: 7.20

Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride

Reconstitution

Lyophilized from a 0.2 µM filtered solution. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

General Info

Relevance

Function: Produced only during pregnancy and is involved in stimulating lactation, fetal growth and metabolism. Does not interact with GHR but only activates PRLR through zinc-induced dimerization. Similarity: Belongs to the somatotropin/prolactin family.

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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors