

Product datasheet

Recombinant Human Pancreatic Polypeptide protein ab194031

Description

Product name	Recombinant Human Pancreatic Polypeptide protein	
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	HEK 293 cells	
Accession	P01298	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	APLEPVYPGDNATPEQMAQYAADLRRYINMLTRPRYG KRHKEDTLAFSEW GSPHAAVPRVDHHHHHH	
Predicted molecular weight	8 kDa including tags	
Amino acids	30 to 88	
Tags	His tag C-Terminus	
Additional sequence information	This product is for the mature full length protein. The propeptide is not included. The signal peptide is not included.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab194031** in the following tested applications.

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

Applications	HPLC SDS-PAGE
Form	Lyophilised

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C.
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pH: 7.4

Constituents: 0.87% Sodium chloride, 99% Phosphate Buffer

Reconstitution

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

General Info

Relevance

Pancreatic hormone is synthesized in pancreatic islets of Langerhans and acts as a regulator of pancreatic and gastrointestinal functions and may be important in the regulation of food intake. Plasma levels of this hormone have been shown to be reduced in conditions associated with increased food intake and elevated in anorexia nervosa. In addition, infusion of this hormone in obese rodents has shown to decrease weight gain.

Cellular localization

Secreted

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- 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
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- We investigate all quality concerns to ensure our products perform to the highest standards

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