

Product datasheet

Recombinant Human Amylin/DAP protein ab132690

[1 Image](#)

Description

Product name	Recombinant Human Amylin/DAP protein
Expression system	Wheat germ
Accession	<u>P10997</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGILKLQVFLIVLSVALNHLKATPIESHQVEKRKCNTATCAT QRLANFLV HSSNNFGAILSSTNVGSNTYGKRNAVEVLKREPLNYLPL
Predicted molecular weight	36 kDa including tags
Amino acids	1 to 89

Specifications

Our **Abpromise guarantee** covers the use of **ab132690** in the following tested applications.

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

Applications	ELISA SDS-PAGE Western blot
Form	Liquid
Additional notes	This product was previously labelled as Amylin.

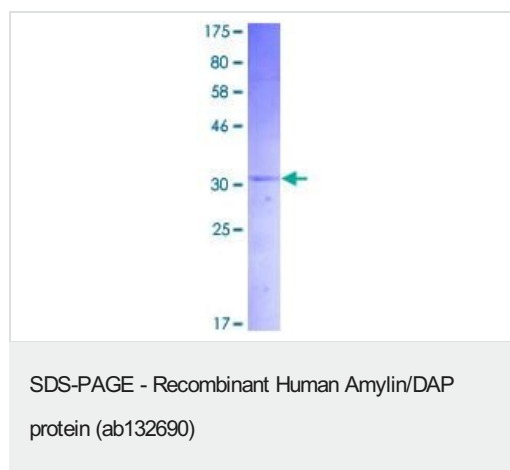
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function	Selectively inhibits insulin-stimulated glucose utilization and glycogen deposition in muscle, while not affecting adipocyte glucose metabolism.
Sequence similarities	Belongs to the calcitonin family.
Domain	The mature protein is largely unstructured in the absence of a cognate ligand, and has a strong tendency to form fibrillar aggregates. Homodimerization may be the first step of amyloid formation.
Post-translational modifications	Amyloid fibrils are degraded by IDE.
Cellular localization	Secreted.

Images



12.5% SDS-PAGE analysis of ab132690 stained with Coomassie Blue.

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
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