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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IAPP (Human) Recombinant Protein (P01)

Catalog Number: H00003375-P01

Regulation Status: For research use only (RUO)

Product Description: Human IAPP full-length ORF (NP_000406.1, 1 a.a. - 89 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGILKLQVFLIVLSVALNHLKATPIESHQVEKRKCNTAT
CATQRLANFLVHSSNFGAILSSTNVGSNTYGKRNAV
EVLKREPLNYLPL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.2

Interspecies Antigen Sequence: Mouse (67); Rat (66)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3375

Gene Symbol: IAPP

Gene Alias: AMYLIN, DAP, IAP

Gene Summary: Islet, or insulinoma, amyloid polypeptide is commonly found in pancreatic islets of patients suffering diabetes mellitus type II, or harboring

an insulinoma. While the association of amylin with the development of type II diabetes has been known for some time, a direct causative role for amylin has been harder to establish. Studies suggest that amylin, like the related beta-amyloid (Abeta) associated with Alzheimer's disease, can induce apoptotic cell-death in particular cultured cells, an effect that may be relevant to the development of type II diabetes. [provided by RefSeq]