

Recombinant Human IAPP Protein (34-70 aa), His-tagged

Cat. No. IAPP-2553H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IAPP Protein (34-70 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	34-70 aa
Description	This gut peptide inhibits exocrine pancreatic secretion, has a vasoconstrictory action and inhibits jejunal and colonic mobility.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	5.9 kDa
AA Sequence	KCNTATCATQRLANFLVHSSNFGAILSSTNVGSNTY
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage

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temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name IAPP islet amyloid polypeptide [Homo sapiens]

Official Symbol IAPP

Synonyms IAPP; islet amyloid polypeptide; AMYLIN; amylin; DAP; IAP; insulinoma amyloid peptide;

Gene ID 3375

mRNA Refseq NM_000415

Protein Refseq NP_000406

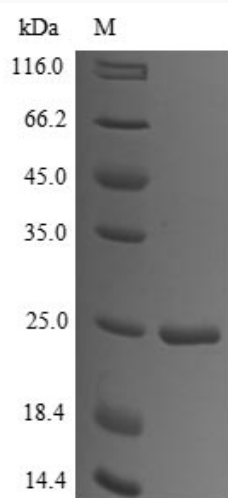
MIM 147940

UniProt ID P10997

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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