

Recombinant Human IAPP protein

Cat. No. IAPP-42H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IAPP was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the calcitonin family of peptide hormones. This hormone is released from pancreatic beta cells following food intake to regulate blood glucose levels and act as a satiation signal. Human patients with type 1 and advanced type 2 diabetes exhibit reduced levels of the encoded hormone in blood and pancreas. This protein also exhibits a bactericidal, antimicrobial activity.
Form	Supplied in liquid form in PBS buffer with 20 mM GSH.
Molecular Mass	31 kDa
Purity	> 90% pure
Applications	ELISA, SDS-PAGE, WB
Storage	Store at 4 deg C in a working aliquot for 1 week. For long term storage, aliquot and freeze at -20 to -80 deg C, avoid repeat freeze/thaw cycles.

GENE INFORMATION

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Gene Name	IAPP islet amyloid polypeptide [Homo sapiens]
Official Symbol	IAPP
Synonyms	IAPP; islet amyloid polypeptide; AMYLIN; amylin; DAP; IAP; insulinoma amyloid peptide; diabetes-associated peptide; Islet amyloid polypeptide (diabetes-associated peptide; amylin);
Gene ID	3375
mRNA Refseq	NM_000415
Protein Refseq	NP_000406
MIM	147940
UniProt ID	P10997
Chromosome Location	12p12.1
Function	hormone activity; receptor binding;