

Recombinant Human IAPP Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. IAPP-153H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IAPP MS Standard C13 and N15-labeled recombinant protein (NP_000406) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	9.81 kDa
AA Sequence	MGILKLQVFLIVLSVALNHLKATPIESHQVEKRKCNTATCATQRLANFLVHSSNNFGA LSSTNVGSNTYGKRNAVEVLKREPLNYLPLTRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	IAPP islet amyloid polypeptide [Homo sapiens (human)]
Official Symbol	IAPP
Synonyms	IAPP; islet amyloid polypeptide; DAP; IAP; islet amyloid polypeptide; Islet amyloid polypeptide (diabetes-associated peptide; amylin); amylin; diabetes-associated peptide; insulinoma amyloid peptide
Gene ID	3375
mRNA Refseq	NM_000415
Protein Refseq	NP_000406
MIM	147940
UniProt ID	P10997

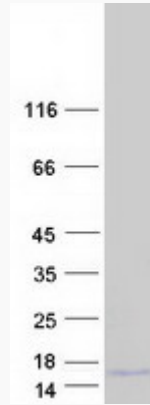
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SDS-PAGE



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