

Human IAPP/Amylin, Tag Free Protein

HA211569



Product name:	Human IAPP/Amylin, Tag Free
Species reactivity:	Human
Bio-Activity:	Testing in progress.
Protein construction description:	A DNA sequence encoding the human IAPP/Amylin protein (P10997) (Thr 23-Leu 89) was expressed with tag free.

Background: Amylin/IAPP is a glucoregulatory peptide hormone that plays an important role in the regulation of energy homeostasis. Selectively inhibits insulin-stimulated glucose utilization and glycogen deposition in muscle, while not affecting adipocyte glucose metabolism. IAPP function is mediated by the CALCR-RAMPs (AMYRs) receptor complexes (By similarity). Amylin can also bind CALCR receptor in the absence of RAMPs, although it is more selective for AMYRs (By similarity).

Purity: >95% as determined by SDS-PAGE.

Endotoxin: Less than 1.0 EU per µg by the LAL method.

Fragment region: IAPP/Amylin (23-89)

Source: HEK293

Accession: P10997

Predicted molecular mass: 8.2 kD

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution: Reconstitute at 250 µg/ml in sterile water.

Storage: Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

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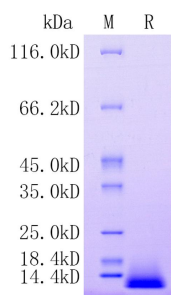


Fig1: Protein on SDS-PAGE under reducing (R) condition.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".