

## Recombinant Human IAPP Protein, GST-tagged

Cat. No. IAPP-1250H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IAPP Protein (34-70aa) protein was expressed in E. coli with N-terminal GST-tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	34-70 a.a.
<b>Description</b>	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.
<b>Form</b>	Tris-based buffer, 50% glycerol.
<b>Molecular Mass</b>	31.4 kDa
<b>AA Sequence</b>	KCNTATCATQRLANFLVHSSNFGAILSSTNVGSNTY
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	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.

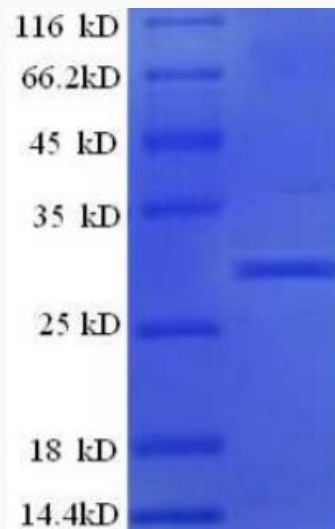
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## GENE INFORMATION

<b>Gene Name</b>	IAPP islet amyloid polypeptide [ Homo sapiens (human) ]
<b>Official Symbol</b>	<a href="#">IAPP</a>
<b>Synonyms</b>	DAP; IAP; IAPP
<b>Gene ID</b>	<a href="#">3375</a>
<b>mRNA Refseq</b>	<a href="#">NM_000415.2</a>
<b>Protein Refseq</b>	<a href="#">NP_000406.1</a>
<b>MIM</b>	<a href="#">147940</a>
<b>UniProt ID</b>	<a href="#">P10997</a>



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