

Recombinant Human Islet amyloid polypeptide protein(IAPP)

Catalog No: #AP76576

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Package Size: #AP76576-1 20ug #AP76576-2 100ug #AP76576-3 1mg

Description

Product Name	Recombinant Human Islet amyloid polypeptide protein(IAPP)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:34-70aaSequence Info:partial
Other Names	PYY-I
Accession No.	P10997
Uniprot	P10997
GeneID	3375;
Calculated MW	31.4 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	KCNTATCATQRLANFLVHSSNFGAILSSTNVGSNTY
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

This gut peptide inhibits exocrine pancreatic secretion, has a vasoconstrictory action and inhibits jejunal and colonic mobility.

References

The PP-fold solution structure of human polypeptide YY and human PYY3-36 as determined by NMR.Nygaard R., Nielbo S., Schwartz T.W., Poulsen F.M.Biochemistry 45:8350-8357(2006)

Research Topic:Signal Transduction

Note: This product is for in vitro research use only