

## Islet Amyloid Polypeptide (IAPP) Small Molecule | IAPP small molecule

BSA Conjugated Islet Amyloid Polypeptide (IAPP)

|                               |                                    |                                               |
|-------------------------------|------------------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA146772</b> | HOST<br><b>Protein Conjugation</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|------------------------------------|-----------------------------------------------|

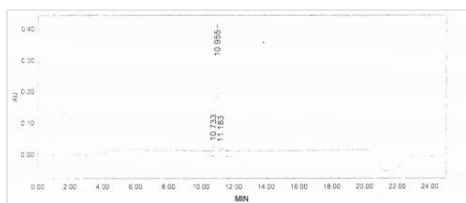
### PRODUCT SYNONYMS

Islet Amyloid Polypeptide (IAPP); BSA Conjugated Islet Amyloid Polypeptide (IAPP); IAP; DAP; Amylin; Insulinoma Amyloid Polypeptide; Diabetes-associated peptide; IAPP small molecule

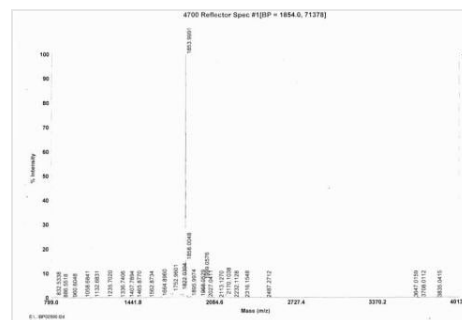
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Protein Conjugation                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity/Purification                             | > 90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Form/Format                                     | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence Length                                 | 89                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Applicable Applications for IAPP small molecule | WB (Western Blot), SDS-PAGE, Immunogen                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer Formulation                              | PBS, pH7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Organism Species                                | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Usage                                           | Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                        |
| Preparation and Storage                         | Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months.<br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

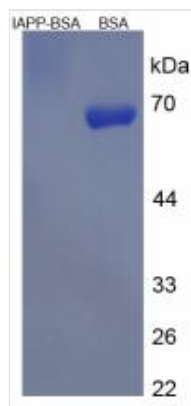
### IMAGES



Application Data



Application Data



Sequence

KCNTATC ATQRLANFLV

SDS-PAGE

## ADDITIONAL INFORMATION

Product Categories/Family for IAPP  
small molecule

Conjugated small molecules

## NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 1042705564                              |
| NCBI GeneID                      | 3375                                    |
| NCBI Accession #                 | NP_001316130.1                          |
| NCBI GenBank Nucleotide #        | NM_001329201.1                          |
| UniProt Accession #              | P10997; Q0ZD87; Q14598                  |
| Molecular Weight                 | 9,806 Da                                |
| NCBI Official Full Name          | islet amyloid polypeptide preproprotein |
| NCBI Official Synonym Full Names | islet amyloid polypeptide               |
| NCBI Official Symbol             | IAPP                                    |
| NCBI Official Synonym Symbols    | DAP; IAP                                |
| NCBI Protein Information         | islet amyloid polypeptide               |
| UniProt Protein Name             | Islet amyloid polypeptide               |
| UniProt Gene Name                | <b>IAPP</b>                             |
| UniProt Synonym Gene Names       | DAP                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/protein-conjugation-small-molecule/islet-amyloid-polypeptide-iapp/146772>