

## Secretin Reference standard

**Cat. No.** SCT-58H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Calibrant for secretin assays.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Enzyme Unit</b>      | Each ampoule contains approximately 18µg secretin peptide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Usage</b>            | No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution. For all practical purposes each ampoule contains the same amount of the same materials. Dissolve the total contents in a known amount of suitable buffer solution with carrier protein (free of peptidase), where extensive dilution is required, to minimise loss by surface adsorption. For economy of use it is recommended that the solution be subdivided into several small containers, which are frozen rapidly to below –40°C and then stored below –40°C in the dark. Repeated freezing and thawing should be avoided. |
| <b>Notes</b>            | This preparation is not for administration to humans. The material is not of human or bovine origin. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratorys safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.                                                                                                                                      |
| <b>Stability</b>        | They remain valid with the assigned potency and status until withdrawn or amended. Reference materials are held at Creative Biomart within assured, temperature-                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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controlled storage facilities. Reference Materials should be stored on receipt as indicated on the label. In addition, once reconstituted, diluted or aliquoted, users should determine the stability of the material according to their own method of preparation, storage and use. Users who have data supporting any deterioration in the characteristics of any reference preparation are encouraged to contact Creative Biomart.

**Storage**

Store at -20°C or below. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

**GENE INFORMATION**

**Gene Name** SCT secretin [ Homo sapiens ];

**Official Symbol** SCT

**Synonyms** SCT; secretin;

**Gene ID** 6343

**mRNA Refseq** NM\_021920

**Protein Refseq** NP\_068739

**MIM** 182099

**UniProt ID** P09683

**Chromosome Location** 11p15.5

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**Pathway**

Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Glucagon-type ligand receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;

**Function**

hormone activity;

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