

Rev01  
Update: Dec,28,2022

**DATASHEET**

# Secretin, human

Cat. No.: RP10249

## Overview

<b>Description</b>	Human secretin stimulates the secretion of bicarbonate by the pancreas and inhibits the production of gastrin and acid production in the stomach. Human secretin also potentiates the release of digestive enzymes from the pancreas triggered by cholecystokinin.
<b>Cas No</b>	108153-74-8
<b>Sequence</b>	{HIS}{SER}{ASP}{GLY}{THR}{PHE}{THR}{SER}{GLU}{LEU}{SER}{ARG}{LEU}{ARG}{GLU}{GLY}{ALA}{ARG}{LEU}{GLN}{ARG}{LEU}{LEU}{GLN}{GLY}{LEU}{VAL}
<b>Sequence Shortening</b>	HSDGFTTSELSRLREGARLQRLQGLV-NH <sub>2</sub>
<b>Molecular Formula</b>	C <sub>130</sub> H <sub>220</sub> N <sub>44</sub> O <sub>40</sub>
<b>C Terminal</b>	NH <sub>2</sub>
<b>Molecular Weight</b>	3039.5

## Properties

<b>Purity</b>	> 95%
<b>Solubility</b>	Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weigh out a smaller portion of the contents.
<b>Form</b>	Lyophilized
<b>Storage</b>	Store the peptide at -20°C