

**HDFP455**

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## Product Information

<b>Product SKU:</b>	HDFP455	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	SCTR	<b>Tag:</b>	C-Flag Tag		

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## Additional Information

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	P47872
<b>Molecular Weight:</b>	The human full length SCTR protein has a MW of 50.2kDa		

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## Protein Information

**Background:** The protein encoded by this gene is a G protein-coupled receptor and belongs to the glucagon-VIP-secretin receptor family. It binds secretin which is the most potent regulator of pancreatic bicarbonate, electrolyte and volume secretion. Secretin and its receptor are suggested to be involved in pancreatic cancer and autism. [provided by RefSeq, Jul 2008]

**Synonyms:** SR

**Protein Description:** Human SCTR full length protein-synthetic nanodisc

**Formulation:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

**Protein Pathways:** GPCRDB Class B Secretin-like, Cancer.

**Protein Families:** Transmembrane, Druggable Genome.

**Usage:** Research use only

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**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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