

PRODUCT INFORMATION

Target	SCTR
Synonyms	SR
Description	Human SCTR full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	P47872
Expression Host	HEK293
Protein Families	Transmembrane,Druggable Genome,
Protein Pathways	GPCRDB Class B Secretin-like,Cancer,
Molecular Weight	The human full length SCTR protein has a MW of 50.2kDa
Formulation & Reconstitution	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 pH lower than 6.5 in subsequent experiments.
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.
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]
Usage	Research use only

