

# Product Information

## MemDX™ Membrane Protein Human SCTR (Secretin receptor) Full Length

Cat. No.: **MPC2032K**

This product is for research use only and is not intended for diagnostic use.

This product is a 50.2 kDa Human SCTR membrane protein expressed in Baculovirus/Insect expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

SCTR

#### Protein Length

Full length

#### Protein Class

GPCR

#### Molecular Weight

50.2 kDa

#### TMD

7

#### Sequence

MRPHLSPPPLQQLLPVLLACAAHSTGALPRLCDVLQVLWEEQDQCLQELS  
REQTGDLGTEQPVPGCEGMWDNISCWPSSVPGRMVEVECPFRFLRMLTSRN  
GSLFRNCTQDGWSETFPRPNLACGVNVNDSSNEKRHSYLLKLKVMYTVGY  
SSSLVMLLVALGILCAFRRLHCTRNYIHMHLFVSFILRALSNIKDAVLF  
SSDDVTYCDAGRAGCKLVMVLFQYCIANYSWLLVEGLYLHTLLAISFFS  
ERKYLQGFVAFGWGSPAIFVALWAIARHFLEDVGCWDINANASIWWIIRG  
PVILSILINFILFINILRILMRKLRTQETRGNEVSHYKRLARSTLLLIPL  
FGIHIVFAFSPEDAMEIQLFFELALGSFQGLVVAVLYCFLNGEVQLEVQ  
KKWQQWHLREFPLHPVASFSNSTKASHLEQSQGTCTRSII

### Product Description

#### Expression Systems

Baculovirus/Insect expression system

#### Tag

Flag tag at the N-terminus and 8xHis tag at the C-terminus

**Protein Format**

Detergent or based on specific requirements

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

SCTR

**Full Name**

Secretin receptor

**Introduction**

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.

**Alternative Names**

SCTR; SR; pancreatic secretin receptor; Secretin receptor

**Gene ID**

[6344](#)

**UniProt ID**

[P47872](#)