

## Recombinant Human SCTR cell lysate

Cat. No. SCTR-1573HCL    Lot. No. (See product label)

### SPECIFICATION

#### Product Overview

|                |                                                                                                                                                                                                                                                                                                                                      |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Species        | Human                                                                                                                                                                                                                                                                                                                                |
| Description    | 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. |
| Size           | 100 ul                                                                                                                                                                                                                                                                                                                               |
| Storage Buffer | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                                                                                                                                            |
| Applications   | Western Blot;                                                                                                                                                                                                                                                                                                                        |

### GENE INFORMATION

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Gene Name       | SCTR secretin receptor [ Homo sapiens ]                    |
| Official Symbol | SCTR                                                       |
| Synonyms        | SCTR; secretin receptor; pancreatic secretin receptor; SR; |
| Gene ID         | 6344                                                       |

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_002980                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>      | NP_002971                                                                                                                                                                                                                                                                                                                                                                              |
| <b>MIM</b>                 | 182098                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>          | P47872                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Chromosome Location</b> | 2q14.1                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Pathway</b>             | Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; 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; GPCRs, Class B Secretin-like, organism-specific biosystem; |
| <b>Function</b>            | receptor activity; secretin receptor activity; signal transducer activity;                                                                                                                                                                                                                                                                                                             |

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