

## Recombinant Human SLC5A7, GST-tagged

Cat. No. SLC5A7-2779H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human SLC5A7 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                        |
| Species          | Human                                                                                                                                                             |
| Source           | E.coli                                                                                                                                                            |
| ProteinLength    | C-124aa                                                                                                                                                           |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| Storage Buffer   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                 |                                                                                 |
|-----------------|---------------------------------------------------------------------------------|
| Gene Name       | SLC5A7 solute carrier family 5 (choline transporter), member 7 [ Homo sapiens ] |
| Official Symbol | SLC5A7                                                                          |
| Synonyms        | CHT; CHT1; hCHT                                                                 |
| Gene ID         | 60482                                                                           |

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | <a href="#">NM_021815.2</a>                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>      | <a href="#">NP_068587.1</a>                                                                                                                                                                                                                                     |
| <b>MIM</b>                 | <a href="#">608761</a>                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | <a href="#">Q9GZV3</a>                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 2q12                                                                                                                                                                                                                                                            |
| <b>Pathway</b>             | Acetylcholine Neurotransmitter Release Cycle, organism-specific biosystem;Cholinergic synapse, organism-specific biosystem;Monoamine Transport, organism-specific biosystem;Neuronal System, organism-specific biosystem;Neurotransmitter Release Cycle, organi |
| <b>Function</b>            | choline transmembrane transporter activity;choline:sodium symporter activity;                                                                                                                                                                                   |

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