

## Recombinant SLC5A1, GST-tagged

Cat. No. SLC5A1-2776H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SLC5A1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	160-411aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	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

<b>Gene Name</b>	SLC5A1 solute carrier family 5 (sodium/glucose cotransporter), member 1 [ Homo sapiens ]
<b>Official Symbol</b>	SLC5A1
<b>Synonyms</b>	SLC5A1; solute carrier family 5 (sodium/glucose cotransporter), member 1; SGLT1; sodium/glucose cotransporter 1; D22S675; NAGT; Na <sup>+</sup> /glucose cotransporter 1; high affinity sodium-glucose cotransporter;

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<b>Gene ID</b>	6523
<b>mRNA Refseq</b>	NM_000343
<b>Protein Refseq</b>	NP_000334
<b>MIM</b>	182380
<b>UniProt ID</b>	P13866
<b>Chromosome Location</b>	22q12.3
<b>Pathway</b>	Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Carbohydrate digestion and absorption, organism-specific biosystem; Carbohydrate digestion and absorption, conserved biosystem; Hexose transport, organism-specific biosystem
<b>Function</b>	glucose:sodium symporter activity; protein binding; symporter activity; transporter activity;

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