

Recombinant SLC5A1, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SLC5A1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	160-411aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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

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Gene ID	6523
mRNA Refseq	NM_000343
Protein Refseq	NP_000334
MIM	182380
UniProt ID	P13866
Chromosome Location	22q12.3
Pathway	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
Function	glucose:sodium symporter activity; protein binding; symporter activity; transporter activity;