

Recombinant Human SLC2A5, GST-tagged

Cat. No. SLC2A5-2747H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC2A5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	216-501aa
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	SLC2A5 solute carrier family 2 (facilitated glucose/fructose transporter), member 5 [Homo sapiens]
Official Symbol	SLC2A5
Synonyms	SLC2A5; solute carrier family 2 (facilitated glucose/fructose transporter), member 5; GLUT5; solute carrier family 2, facilitated glucose transporter member 5; glucose transporter-like protein 5; glucose transporter type 5, small intestine; GLUT-5;

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Gene ID	6518
mRNA Refseq	NM_001135585
Protein Refseq	NP_001129057
MIM	138230
UniProt ID	P22732
Chromosome Location	1p36.2
Pathway	Carbohydrate digestion and absorption, organism-specific biosystem; Carbohydrate digestion and absorption, conserved biosystem; Class II GLUTs, organism-specific biosystem; Facilitative Na ⁺ -independent glucose transporters, organism-specific biosystem; GI
Function	fructose transmembrane transporter activity; glucose transmembrane transporter activity; substrate-specific transmembrane transporter activity;