

Recombinant Human SLC2A4, GST-tagged

Cat. No. SLC2A4-2746H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC2A4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	228-292aa
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	SLC2A4 solute carrier family 2 (facilitated glucose transporter), member 4 [Homo sapiens]
Official Symbol	SLC2A4
Synonyms	SLC2A4; solute carrier family 2 (facilitated glucose transporter), member 4; GLUT4; solute carrier family 2, facilitated glucose transporter member 4; GLUT-4; insulin-responsive glucose transporter type 4; glucose transporter type 4, insulin-responsive;

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Gene ID	6517
mRNA Refseq	NM_001042
Protein Refseq	NP_001033
MIM	138190
UniProt ID	P14672
Chromosome Location	17p13
Pathway	AMPK signaling, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem; Arf6 trafficking events, organism-specific biosyste
Function	D-glucose transmembrane transporter activity; glucose transmembrane transporter activity; protein binding; substrate-specific transmembrane transporter activity;

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