

## Recombinant Human SLC2A4, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SLC2A4 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>	228-292aa
<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>	SLC2A4 solute carrier family 2 (facilitated glucose transporter), member 4 [ Homo sapiens ]
<b>Official Symbol</b>	SLC2A4
<b>Synonyms</b>	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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<b>Gene ID</b>	6517
<b>mRNA Refseq</b>	NM_001042
<b>Protein Refseq</b>	NP_001033
<b>MIM</b>	138190
<b>UniProt ID</b>	P14672
<b>Chromosome Location</b>	17p13
<b>Pathway</b>	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
<b>Function</b>	D-glucose transmembrane transporter activity; glucose transmembrane transporter activity; protein binding; substrate-specific transmembrane transporter activity;

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