

Recombinant Human SLC2A1, His-tagged

Cat. No. SLC2A1-2741H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC2A1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	216-280aa
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 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	SLC2A1 solute carrier family 2 (facilitated glucose transporter), member 1 [Homo sapiens]
Official Symbol	SLC2A1
Synonyms	SLC2A1; solute carrier family 2 (facilitated glucose transporter), member 1; GLUT, GLUT1; solute carrier family 2, facilitated glucose transporter member 1; DYT18; GLUT-1; hepG2 glucose transporter; glucose transporter type 1, erythrocyte/brain;

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	PED; GLUT; DYT17; GLUT1; GLUT1DS; MGC141895; MGC141896;
Gene ID	6513
mRNA Refseq	NM_006516
Protein Refseq	NP_006507
MIM	138140
UniProt ID	P11166
Chromosome Location	1p34.2
Pathway	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Facilitative Na ⁺ -independent glucose transporters, organi
Function	D-glucose transmembrane transporter activity; dehydroascorbic acid transporter activity; glucose transmembrane transporter activity; identical protein binding; kinase binding; substrate-specific transmembrane transporter activity; xenobiotic transporter a