

Recombinant Human SLC2A1 protein, MYC/DDK-tagged

Cat. No. SLC2A1-2742H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC2A1, fused with MYC/DDK at C-terminal, was expressed in HEK293.
Species	Human
Source	HEK293
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	53.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	SLC2A1 solute carrier family 2 (facilitated glucose transporter), member 1 [Homo sapiens]
Official Symbol	SLC2A1

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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; 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, organism-specific biosystem; Glucose transport, organism-specific biosystem; Glycolysis and Gluconeogenesis, organism-specific biosystem;
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 activity;

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