

Recombinant Human SLC2A3

Cat. No. SLC2A3-27615TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Glucose Transporter GLUT3 (amino acids 213-263) with N terminal proprietary tag, 31.24kDa.
Species	Human
Source	Wheat Germ
ProteinLength	51 amino acids
Molecular Weight	31.240kDa inclusive of tags
Tissue specificity	Highly expressed in brain. Expressed in many tissues.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	LINRKEEENAKQILQRLWGTQDVSQDIQEMKDESARMSQEKQVTVLELFRV
Sequence	Belongs to the major facilitator superfamily. Sugar transporter (TC 2.A.1.1) family.

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Similarities Glucose transporter subfamily.

GENE INFORMATION

Gene Name SLC2A3 solute carrier family 2 (facilitated glucose transporter), member 3 [Homo sapiens]

Official Symbol SLC2A3

Synonyms SLC2A3; solute carrier family 2 (facilitated glucose transporter), member 3; GLUT3; solute carrier family 2, facilitated glucose transporter member 3;

Gene ID 6515

mRNA Refseq NM_006931

Protein Refseq NP_008862

MIM 138170

Uniprot ID P11169

Chromosome Location 12p13.3

Pathway Facilitative Na⁺-independent glucose transporters, organism-specific biosystem; Glucose transport, organism-specific biosystem; Glycolysis and Gluconeogenesis, organism-specific biosystem; Hexose transport, organism-specific biosystem; Metabolism, organism-specific biosystem;

Function glucose transmembrane transporter activity; substrate-specific transmembrane

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transporter activity;

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