

Recombinant Mouse Slc2a5 Protein, Myc/DDK-tagged

Cat. No. Slc2a5-5921M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length solute carrier family 2 (facilitated glucose transporter), member 5 (Slc2a5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Functions as a fructose transporter that has only low activity with other monosaccharides. Can mediate the uptake of deoxyglucose, but with low efficiency. Essential for fructose uptake in the small intestine. Plays a role in the regulation of salt uptake and blood pressure in response to dietary fructose. Required for the development of high blood pressure in response to high dietary fructose intake.
Molecular Mass	55.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Slc2a5 solute carrier family 2 \(facilitated glucose transporter\), member 5 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Slc2a5](#)

Synonyms SLC2A5; solute carrier family 2 (facilitated glucose transporter), member 5; solute carrier family 2, facilitated glucose transporter member 5; GLUT-5; fructose transporter; glucose transporter type 5, small intestine; Glut5; Slc5a; AI526984; MGC32452

Gene ID [56485](#)

mRNA Refseq [NM_019741](#)

Protein Refseq [NP_062715](#)

UniProt ID [Q9WV38](#)

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