

Recombinant Human SLC2A5 Protein (E2-Q501), 8×His-MBP, Flag tagged

Cat. No. SLC2A5-0485H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-MBP-TEV-(GG)-SLC2A5(E2-Q501)-Flag Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	E2-Q501
Description	Functions as a fructose transporter that has only low activity with other monosaccharides. Can mediate the uptake of 2-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.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	95%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Formulation:
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	SLC2A5 solute carrier family 2 (facilitated glucose/fructose transporter), member 5 [Homo sapiens (human)]
Official Symbol	SLC2A5
Synonyms	SLC2A5; solute carrier family 2 (facilitated glucose/fructose transporter), member 5; GLUT5; solute carrier family 2, facilitated glucose transporter member 5; glucose transporter-like protein 5; glucose transporter type 5, small intestine; GLUT-5;
Gene ID	6518
mRNA Refseq	NM_001135585
Protein Refseq	NP_001129057
MIM	138230
UniProt ID	P22732

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