

Recombinant Human SLC2A2 Protein (T2-V524), 8xHis-MBP, Flag tagged

Cat. No. SLC2A2-0480H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-MBP-TEV-(GG)-SLC2A2(T2-V524)-Flag Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	T2-V524
Description	Facilitative hexose transporter that mediates the transport of glucose and fructose. Likely mediates the bidirectional transfer of glucose across the plasma membrane of hepatocytes and is responsible for uptake of glucose by the beta cells; may comprise part of the glucose-sensing mechanism of the beta cell. May also participate with the Na(+)/glucose cotransporter in the transcellular transport of glucose in the small intestine and kidney. Also able to mediate the transport of dehydroascorbate.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	80%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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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	SLC2A2 solute carrier family 2 (facilitated glucose transporter), member 2 [Homo sapiens (human)]
Official Symbol	SLC2A2
Synonyms	SLC2A2; solute carrier family 2 (facilitated glucose transporter), member 2; GLUT2; solute carrier family 2, facilitated glucose transporter member 2; GLUT-2; glucose transporter type 2, liver;
Gene ID	6514
mRNA Refseq	NM_000340
Protein Refseq	NP_000331
MIM	138160
UniProt ID	P11168

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