

Recombinant Human SLC2A14 protein, GST-tagged

Cat. No. SLC2A14-4644H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC2A14 protein(450-497 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	450-497 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	KVPETRGRTFEDITRAFEGQAHGADRSGKDGVMGMNSIEPAKETTTNV
Purity	90%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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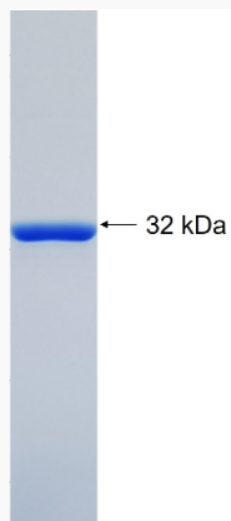
GENE INFORMATION

Gene Name	SLC2A14 solute carrier family 2 (facilitated glucose transporter), member 14 [Homo sapiens]
Official Symbol	SLC2A14
Synonyms	SLC2A14; solute carrier family 2 (facilitated glucose transporter), member 14; SLC2A3P3, solute carrier family 2 (facilitated glucose transporter), member 3 pseudogene 3; solute carrier family 2, facilitated glucose transporter member 14; GLUT14; GLUT-14; glucose transporter 14; glucose transporter type 14; solute carrier family 2 (facilitated glucose transporter), member 3 pseudogene 3; SLC2A3P3; DKFZp564K1672;
mRNA Refseq	NM_153449
Protein Refseq	NP_703150
MIM	611039
UniProt ID	Q8TDB8
Gene ID	144195

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SDS-PAGE

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