

Recombinant Human SLC2A5 protein, GST-tagged

Cat. No. SLC2A5-1888H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC2A5 protein(357-399 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	357-399 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	CVLTAALALQDTVSWMPYISIVCVISYVIGHALGPSPIPALLI
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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GENE INFORMATION

Gene Name	SLC2A5 solute carrier family 2 (facilitated glucose/fructose transporter), member 5 [Homo sapiens]
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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