

Recombinant Human SLC2A11 protein, His-tagged

Cat. No. SLC2A11-7844H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC2A11 protein(219-317 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	219-317 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 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	SPRYLLIDCGDTEACLAALRQLRGSGDLAGELEELEEERAAACQGCRARRPWELFQH RALRRQVTSLVVLGSAMELCGNDSVYAYASSVFRKAGVPEAKI
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	SLC2A11 solute carrier family 2 (facilitated glucose transporter), member 11 [Homo sapiens]
Official Symbol	SLC2A11
Synonyms	GLUT10; GLUT11; SLC2A11-a; SLC2A11-c
Gene ID	66035
mRNA Refseq	NM_030807.3
Protein Refseq	NP_110434.3
MIM	610367
UniProt ID	Q9BYW1

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SDS-PAGE

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