

Recombinant Human SLC2A1 Protein, His-tagged, OVA Conjugated

Cat. No. SLC2A1-2835H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OVA Conjugated Recombinant Human SLC2A1 Protein (Asn34-Ser66) fused with a N-His tag.
Species	Human
Source	Protein Conjugation
ProteinLength	Asn34-Ser66
Description	This gene encodes a major glucose transporter in the mammalian blood-brain barrier. The encoded protein is found primarily in the cell membrane and on the cell surface, where it can also function as a receptor for human T-cell leukemia virus (HTLV) I and II. Mutations in this gene have been found in a family with paroxysmal exertion-induced dyskinesia.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33 kDa
Purity	> 90%
Applications	Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

Conjugation

OVA

GENE INFORMATION

Gene Name

[SLC2A1 solute carrier family 2 member 1 \[Homo sapiens \(human\) \]](#)

Official Symbol

[SLC2A1](#)

Synonyms

SLC2A1; solute carrier family 2 member 1; CSE; PED; DYT9; GLUT; DYT17; DYT18; EIG12; GLUT1; HTLVR; GLUT-1; SDCHCN; GLUT1DS; solute carrier family 2, facilitated glucose transporter member 1; choreoathetosis/spasticity, episodic (paroxysmal choreoathetosis/spasticity); dystonia gene 18; dystonia gene 9; glucose transporter type 1, erythrocyte/brain; hepG2 glucose transporter; human T-cell leukemia virus (I and II) receptor; receptor for HTLV-1 and HTLV-2; solute carrier family 2 (facilitated glucose transporter), member 1

Gene ID

[6513](#)

mRNA Refseq

[NM_006516](#)

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