# Recombinant Human SLC2A2 protein, His-tagged

**Cat. No.** SLC2A2-7855H **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Recombinant Human SLC2A2 protein(69-128 aa), fused with N-terminal His tag, was expressed in E. coli. |
| **Species** | Human |
| **Source** | E. coli |
| **ProteinLength** | 69-128 aa |
| **Form** | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM $Na_2HPO_4$, 17 mM $NaH_2PO_4$, 68 mM NaCl, pH 7.4). 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 300 mM imidazole. |
| **AASequence** | SPRYLYIKLDEEVKAKQSLKRLRGYDDVTKDINEMRKEREEASSEQKVSIIQLFTNSS YR |
| **Purity** | 85%, 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

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|---|---|
| **Gene Name** | SLC2A2 solute carrier family 2 (facilitated glucose transporter), member 2 [ Homo sapiens ] |
| **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; |
| **mRNA Refseq** | NM_000340 |
| **Protein Refseq** | NP_000331 |
| **MIM** | 138160 |
| **UniProt ID** | P11168 |
| **Gene ID** | 6514 |

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**SDS-PAGE**




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