

## Recombinant Mouse SLC2A1 protein, His-SUMO-tagged

**Cat. No.** SLC2A1-3307M    **Lot. No.** (See product label)

### SPECIFICATION

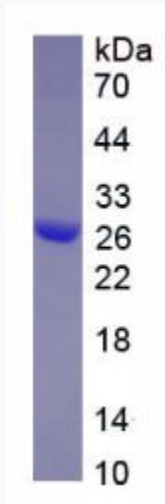
|                         |                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse SLC2A1 protein(Met251~Glu329), fused with Two N-terminal Tags, His-tag and SUMO-tag, was expressed in E.coli. |
| <b>Species</b>          | Mouse                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                          |
| <b>ProteinLength</b>    | Met251~Glu329                                                                                                                   |
| <b>Form</b>             | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                         |
| <b>Molecular Mass</b>   | 27kDa                                                                                                                           |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                    |
| <b>Purity</b>           | > 90%                                                                                                                           |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.                      |
| <b>Reconstitution</b>   | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                            |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Slc2a1 solute carrier family 2 (facilitated glucose transporter), member 1 [ Mus musculus ]                                                                                                                                                           |
| <b>Official Symbol</b> | SLC2A1                                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | SLC2A1; solute carrier family 2 (facilitated glucose transporter), member 1; solute carrier family 2, facilitated glucose transporter member 1; GT1; solute carrier family 2, member 1; glucose transporter type 1, erythrocyte/brain; Glut1; Glut-1; |
| <b>Gene ID</b>         | 20525                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_011400                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>  | NP_035530                                                                                                                                                                                                                                             |
| <b>SDS-PAGE</b>        |                                                                                                                                                                   |

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