

# Recombinant Human SLC2A5 Protein, His-SUMO-tagged

**Cat. No.** SLC2A5-23H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SLC2A5 Protein(P22732)(461-501 aa), fused with N-terminal His tag and SUMO tag, was expressed in E.coli.                                                |
| <b>Species</b>          | Human                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                    |
| <b>ProteinLength</b>    | 461-501 aa                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1 mM EDTA, 4% Trehalose, 1% Mannitol.                                                                               |
| <b>Molecular Mass</b>   | 17.14 kDa                                                                                                                                                                 |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                                           |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt. |
| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                       |

## GENE INFORMATION

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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                        |                                                                                                                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | SLC2A5                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 6518                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_001135585                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>  | NP_001129057                                                                                                                                                                                                                                             |
| <b>MIM</b>             | 138230                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>      | P22732                                                                                                                                                                                                                                                   |

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA