

## Recombinant Human SLC1A4 Protein (E2-L532), 8×His-MBP, Flag tagged

Cat. No. SLC1A4-1294H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human 8His-MBP-TEV-(GG)-SLC1A4(E2-L532)-Flag Protein was expressed in Insect cell.                                                                      |
| <b>Species</b>          | Human                                                                                                                                                               |
| <b>Source</b>           | Insect Cells                                                                                                                                                        |
| <b>ProteinLength</b>    | E2-L532                                                                                                                                                             |
| <b>Description</b>      | Transporter for alanine, serine, cysteine, and threonine. Exhibits sodium dependence.                                                                               |
| <b>Form</b>             | Liquid                                                                                                                                                              |
| <b>Endotoxin</b>        | < 0.01 EU per µg of the protein                                                                                                                                     |
| <b>Purity</b>           | 85%                                                                                                                                                                 |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.                                                                           |
| <b>Storage</b>          | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Storage Buffer</b>   | Formulation:                                                                                                                                                        |

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**Shipping** It is shipped out with blue ice.

## GENE INFORMATION

**Gene Name** SLC1A4 solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 [ Homo sapiens (human) ]

**Official Symbol** SLC1A4

**Synonyms** SLC1A4; solute carrier family 1 (glutamate/neutral amino acid transporter), member 4; neutral amino acid transporter A; alanine/serine/cysteine/threonine transporter; ASCT1; SATT; ASCT-1; solute carrier family 1 member 4; glutamate/neutral amino acid transporter; alanine/serine/cysteine/threonine transporter 1;

**Gene ID** 6509

**mRNA Refseq** NM\_001193493

**Protein Refseq** NP\_001180422

**MIM** 600229

**UniProt ID** P43007

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