

## SLC1A3 Protein, Human, Recombinant (His)

### General Information

|                       |   |
|-----------------------|---|
| Synonyms:             | GLAST;GLAST1;GLAST-1;SLC1A3;EAAT1   |
| Protein Construction: | 146-236 aa  |
| Species:              | Human   |
| Expression Host:      | Yeast   |
| Accession:            | P43003  |
| Molecular Weight:     | 11.7 kDa (Predicted); 25-55kDa (Reducing conditions due to glycosylation)                       |
| AA Sequence:          | HPGKGTKENMHREGKIVRVTAADAFLDLIRNMFPPNLVEACFKQFKTNYEKRSFKVPIQANETLVGAVINNVS<br>EAMETLTRITEELVPVPG |

### QC Testing

|                      |   |
|----------------------|---|
| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it. |
| Purity:              | > 90% as determined by SDS-PAGE.  |
| Endotoxin:           | < 1.0 EU/µg of the protein as determined by the LAL method.                           |
| Formulation:         | Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4.                 |

### Preparation and Storage

#### Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

#### Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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