

## Active Recombinant Human SLC1A2 protein, His-Flag-tagged(Detergent)

Cat. No. SLC1A2-568H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SLC1A2 protein(P43004)(Ala 2 - Lys 574) is expressed from HEK293 with His tag and Flag tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ala 2 - Lys 574
<b>Form</b>	Supplied as 0.2 µm filtered solution in 50 mM HEPES, 150 mM NaCl, DDM, CHS, pH7.5 with glycerol as protectant.
<b>Bio-activity</b>	Immobilized Human SLC1A2 Protein, Flag,His Tag at 10 µg/mL (100 µL/well) can bind Monoclonal Anti-Human SLC1A2 antibody, Mouse IgG with a linear range of 0.156-1.25 µg/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 66.0 kDa. The protein migrates as 55-116 KDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	This product is stable after storage at:

 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

The product MUST be stored at -70°C or lower upon receipt;  
-70°C for 3 months under sterile conditions.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name**

SLC1A2 solute carrier family 1 (glial high affinity glutamate transporter), member 2 [ Homo sapiens ]

**Official Symbol**

SLC1A2

**Synonyms**

SLC1A2; solute carrier family 1 (glial high affinity glutamate transporter), member 2; excitatory amino acid transporter 2; EAAT2; GLT 1; glutamate/aspartate transporter II; excitotoxic amino acid transporter 2; sodium-dependent glutamate/aspartate transporter 2; GLT-1;

**Gene ID**

6506

**mRNA Refseq**

NM\_001195728

**Protein Refseq**

NP\_001182657

**MIM**

600300

**UniProt ID**

P43004

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