

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

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

SPECIFICATION

Product Overview	Recombinant Human SLC1A2 protein(P43004)(Ala 2 - Lys 574) is expressed from HEK293 with His tag and Flag tag.
Species	Human
Source	HEK293
ProteinLength	Ala 2 - Lys 574
Form	Supplied as 0.2 µm filtered solution in 50 mM HEPES, 150 mM NaCl, DDM, CHS, pH7.5 with glycerol as protectant.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at:

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

 Email: 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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