

## Recombinant Mouse SLC1A2 Protein (143-238 aa), GST-tagged

Cat. No. SLC1A2-2332M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse SLC1A2 Protein (143-238 aa) is produced by Yeast expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Partial.
<b>Species</b>	Mouse
<b>Source</b>	Yeast
<b>ProteinLength</b>	143-238 aa
<b>Description</b>	Transports L-glutamate and also L- and D-aspartate. Essential for terminating the postsynaptic action of glutamate by rapidly roving released glutamate from the synaptic cleft. Acts as a symport by cotransporting sodium.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	37.6 kDa
<b>AA Sequence</b>	HPGNPKLKKQLGPGKKNDEVSSLDNFLDLIRNLFPENLVQACFQQIQTVTKKVLVAP PSEEANTTKAVISMLNETMNEAPEETKIVIKKGLEFKDG
<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

 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

**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

<b>Gene Name</b>	Slc1a2 solute carrier family 1 (glial high affinity glutamate transporter), member 2 [ Mus musculus ]
<b>Official Symbol</b>	SLC1A2
<b>Synonyms</b>	SLC1A2; GLT1; Eaat2; GLT-1; MGLT1; AI159670; 1700091C19Rik; 2900019G14Rik;
<b>Gene ID</b>	20511
<b>mRNA Refseq</b>	NM_001077514
<b>Protein Refseq</b>	NP_001070982
<b>UniProt ID</b>	P43006

 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