Recombinant Human SLC1A7 Protein (His115-Thr216), His tagged

Cat. No. SLC1A7-6301H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SLC1A7 (His115-Thr216) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	His115-Thr216
Description	Transports L-glutamate; the L-glutamate uptake is sodium- and voltage-dependent and chloride-independent. Its associated chloride conductance may participate in visual processing.
Form	Lyophilized powder/frozen liquid
Molecular Mass	12.94 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	SLC1A7 solute carrier family 1 (glutamate transporter), member 7 [Homo sapiens (human)]
Official Symbol	SLC1A7
Synonyms	SLC1A7; solute carrier family 1 (glutamate transporter), member 7; excitatory amino acid transporter 5; EAAT5; retinal glutamate transporter; solute carrier family 1 member 7; excitatory amino acid transporter 5a long; excitatory amino acid transporter 5 (retinal glutamate transporter); AAAT; FLJ36602;
Gene ID	6512
mRNA Refseq	NM_006671
Protein Refseq	NP_006662
MIM	604471
UniProt ID	O00341

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