Recombinant Mouse Slc7a1 Protein, MYC/DDK-tagged

Cat. No. Slc7a1-679M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse solute carrier family 7 (cationic amino acid transporter, y+ system), member 1 (Slc7a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitous expression in adrenal adult (RPKM 11.4), genital fat pad adult (RPKM 10.4) and 27 other tissues.
Molecular Mass	67.1 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Slc7a1 solute carrier family 7 (cationic amino acid transporter, y+ system), member 1 [Mus musculus (house mouse)]
Official Symbol	Slc7a1
Synonyms	Slc7a1; solute carrier family 7 (cationic amino acid transporter, y+ system), member 1; Cat1; Atrc1; Rec-1; Rev-1; Atrc-1; mCAT-1; AI447493; 4831426K01Rik; high affinity cationic amino acid transporter 1; CAT-1; ERR; cationic amino acid transporter 1; ecotropic retroviral leukemia receptor; ecotropic retrovirus receptor; solute carrier family 7 member 1; system Y+ basic amino acid transporter
Gene ID	11987
mRNA Refseq	NM_007513
Protein Refseq	NP_031539
UniProt ID	Q09143

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