

Recombinant Mouse Slc3a1 Protein, Myc/DDK-tagged

Cat. No. Slc3a1-5932M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length solute carrier family 3, member 1 (Slc3a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the high-affinity sodium-independent transport of cystine and neutral and dibasic amino acids (system B(0,+)-like activity). May function as an activator of SLC7A9 and be involved in the high-affinity reabsorption of cystine in the kidney proximal tubule.
Molecular Mass	78.6 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.

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GENE INFORMATION

Gene Name	Slc3a1 solute carrier family 3, member 1 [Mus musculus (house mouse)]
Official Symbol	Slc3a1
Synonyms	Slc3a1; solute carrier family 3, member 1; N; D2H; NBAT; NTAA; RBAT; neutral and basic amino acid transport protein rBAT; b(0,+)-type amino acid transport protein
Gene ID	20532
mRNA Refseq	NM_009205
Protein Refseq	NP_033231
UniProt ID	Q91WV7

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