

Recombinant Human SLC38A3 cell lysate

Cat. No. SLC38A3-1632HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	SLC38A3 solute carrier family 38, member 3 [Homo sapiens]
Official Symbol	SLC38A3
Synonyms	SLC38A3; solute carrier family 38, member 3; sodium-coupled neutral amino acid transporter 3; G17; SN1; N-system amino acid transporter 1; system N amino acid transporter 1; Na(+)-coupled neutral amino acid transporter 3; system N1 Na+ and H+-coupled glutamine transporter; NAT1;
Gene ID	10991
mRNA Refseq	NM_006841

 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

Protein Refseq	NP_006832
MIM	604437
UniProt ID	Q99624
Chromosome Location	3p21.3
Pathway	Amino acid transport across the plasma membrane, organism-specific biosystem; GABAergic synapse, organism-specific biosystem; GABAergic synapse, conserved biosystem; Glutamatergic synapse, organism-specific biosystem; Glutamatergic synapse, conserved biosystem; Proximal tubule bicarbonate reclamation, organism-specific biosystem; Proximal tubule bicarbonate reclamation, conserved biosystem;
Function	L-alanine transmembrane transporter activity; L-asparagine transmembrane transporter activity; L-glutamine transmembrane transporter activity; L-histidine transmembrane transporter activity; antiporter activity; symporter activity;

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