

Recombinant Human SLC33A1 cell lysate

Cat. No. SLC33A1-1629HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The encoded protein is required for the formation of O-acetylated (Ac) gangliosides. It is predicted to contain 6 to 10 transmembrane domains, and a leucine zipper motif in transmembrane domain III. Studies indicate that the protein is localized to the cytoplasm.
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	SLC33A1 solute carrier family 33 (acetyl-CoA transporter), member 1 [Homo sapiens]
Official Symbol	SLC33A1
Synonyms	SLC33A1; solute carrier family 33 (acetyl-CoA transporter), member 1; ACATN, acetyl Coenzyme A transporter , spastic paraplegia 42 (autosomal dominant) , SPG42; acetyl-coenzyme A transporter 1; AT 1; AT1; AT-1; ACATN; SPG42; CCHLND;

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Gene ID	9197
mRNA Refseq	NM_001190992
Protein Refseq	NP_001177921
MIM	603690
UniProt ID	O00400
Chromosome Location	3q25.31
Pathway	Glycosphingolipid biosynthesis - ganglio series, organism-specific biosystem; Glycosphingolipid biosynthesis - ganglio series, conserved biosystem; Metabolic pathways, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of vitamins, nucleosides, and related molecules, organism-specific biosystem;
Function	acetyl-CoA transporter activity;