

Recombinant Human SLC33A1, His-tagged

Cat. No. SLC33A1-3052H Lot. No. (See product label)

SPECIFICATION

Product Overview	Acetyl-coenzyme A transporter 1 (SLC33A1)
Species	Human
Source	E.Coli/Yeast
ProteinLength	549
Description	The protein encoded by this gene is required for the formation of O-acetylated (Ac) gangliosides. The encoded protein is predicted to contain 6 to 10 transmembrane domains, and a leucine zipper motif in transmembrane domain III. Defects in this gene have been reported to cause spastic paraplegia autosomal dominant type 42 (SPG42) in one Chinese family, but not in similar patients of European descent. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2010]
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of SLC33A1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.

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Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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;
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;

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Glycosphingolipid biosynthesis - ganglio series, conserved biosystem; Metabolic pathways, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific bi

Function	acetyl-CoA transporter activity;
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