

SLC33 – Acetyl-CoA transporter family

Human gene name	Protein name	Aliases	Predominant substrates	Transport type / coupling ions ^{*)}	Tissue distribution and cellular / subcellular expression	Link to disease	Human gene locus	Sequence accession ID	Splice variants and their features
SLC33A1	AT1	AT-1, ACATN, SPG42	acetyl-CoA	F	brain, spinal cord, prostate, placenta, uterus, testis, thymus, trachea / endoplasmic reticulum	spastic paraplegia 42	3q25.31	NM_004733	

*) C: Cotransporter; E: Exchanger; F: Facilitated transporter; O: Orphan transporter

References:

Original version of the SLC table:

[Hirabayashi Y, Kanamori A, Nomura KH, Nomura K.](#) The acetyl-CoA transporter family SLC33. *Pflugers Arch.* 2004 Feb;447(5):760-2.

Questions & Comments