

SLC47 – Multidrug and Toxin Extrusion (MATE) 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
SLC47A1	MATE1		organic cations	E / H ⁺	kidney (apical membrane), liver		17p11.2	NM_018242	
SLC47A2	MATE2	MATE2-K	organic cations	E / H ⁺	testis, colon, kidney		17p11.2	NM_152908 NM_001099646	2 splice variants

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

Questions & Comments