

SLC40 – Basolateral iron 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
SLC40A1	ferroportin (FPN1)	MTP1, IREG1	ferrous iron	facilitated ?	duodenum (basolateral), macrophages, liver Kupffer cells, placenta, kidney	hemochromatosis type 4	2q32	NM_014585.5	

References:

Original version of the SLC table:

[McKie AT, Barlow DJ](#). The SLC40 basolateral iron transporter family (IREG1/ferroportin/MTP1). *Pflugers Arch*. 2004 Feb;447(5):801-6.

Questions & Comments