

Recombinant Human SLC40A1 cell lysate

Cat. No. SLC40A1-1633HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene is a cell membrane protein that may be involved in iron export from duodenal epithelial cells. Defects in this gene are a cause of hemochromatosis type 4 (HFE4).
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	SLC40A1 solute carrier family 40 (iron-regulated transporter), member 1 [Homo sapiens]
Official Symbol	SLC40A1
Synonyms	SLC40A1; solute carrier family 40 (iron-regulated transporter), member 1; SLC11A3, solute carrier family 11 (proton coupled divalent metal ion transporters), member 3; solute carrier family 40 member 1; ferroportin 1; FPN1; HFE4; IREG1; MTP1; ferroportin-1; iron regulated gene 1; iron-regulated transporter 1; putative ferroportin 1

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	variant IIIB; solute carrier family 11 (proton-coupled divalent metal ion transporters), member 3; MST079; MSTP079; SLC11A3;
Gene ID	30061
mRNA Refseq	NM_014585
Protein Refseq	NP_055400
MIM	604653
UniProt ID	Q9NP59
Chromosome Location	2q32
Pathway	Iron uptake and transport, organism-specific biosystem; Metal ion SLC transporters, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds, organism-specific biosystem;
Function	iron ion transmembrane transporter activity; iron ion transmembrane transporter activity; protein binding;