Recombinant Human SLC19A2 cell lysate

Cat. No. SLC19A2-1617HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	This gene encodes the thiamin transporter protein. Mutations in this gene cause thiamin-responsive megaloblastic anemia syndrome (TRMA), which is an autosomal recessive disorder characterized by diabetes mellitus, megaloblastic anemia and sensorineural deafness.
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	SLC19A2 solute carrier family 19 (thiamine transporter), member 2 [Homo sapiens]
Official Symbol	SLC19A2
Synonyms	SLC19A2; solute carrier family 19 (thiamine transporter), member 2; TRMA; thiamine transporter 1; THTR1; thTr-1; solute carrier family 19 member 2; high affinity thiamine transporter; reduced folate carrier protein (RFC) like; TC1; THT1; THMD1;

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Gene ID	10560
mRNA Refseq	NM_006996
Protein Refseq	NP_008927
MIM	603941
UniProt ID	O60779
Chromosome Location	1q23.3
Pathway	Metabolism, organism-specific biosystem; Metabolism of vitamins and cofactors, organism-specific biosystem; Metabolism of water-soluble vitamins and cofactors, organism-specific biosystem; Vitamin B1 (thiamin) metabolism, organism-specific biosystem; Vitamin digestion and absorption, organism-specific biosystem; Vitamin digestion and absorption, conserved biosystem;
Function	folic acid binding; folic acid transporter activity; reduced folate carrier activity; thiamine transmembrane transporter activity; thiamine uptake transmembrane transporter activity;

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