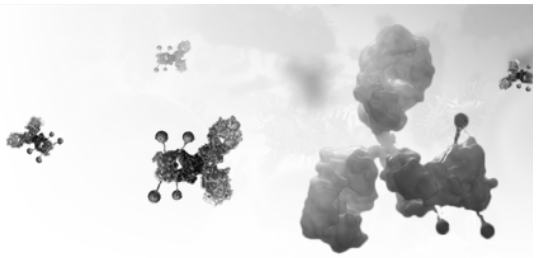

Human SLC25A1 peptide (DAG-P0305)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the mitochondrial carrier subfamily of solute carrier proteins. Members of this family include nuclear-encoded transporters that translocate small metabolites across the mitochondrial membrane. This protein regulates the movement of citrate across the inner membranes of the mitochondria. Mutations in this gene have been associated with combined D-2- and L-2-hydroxyglutaric aciduria. Pseudogenes of this gene have been identified on chromosomes 7, 11, 16, and 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	SLC25A1 solute carrier family 25 (mitochondrial carrier; citrate transporter), member 1 [Homo sapiens (human)]
Official Symbol	SLC25A1
Synonyms	SLC25A1; solute carrier family 25 (mitochondrial carrier; citrate transporter), member 1; CTP; SEA; D2L2AD; SLC20A3; tricarboxylate transport protein, mitochondrial; citrate transport protein; tricarboxylate carrier protein; solute carrier family 20 (mitochondrial citrate transporter), member 3;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Entrez Gene ID	6576
mRNA Refseq	NM_001256534.1
Protein Refseq	NP_001243463.1
UniProt ID	D9HTE9
Chromosome Location	22q11.21
Pathway	Fatty Acyl-CoA Biosynthesis, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Gluconeogenesis, organism-specific biosystem; Glucose metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of carbohydrates, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Triglyceride Biosynthesis, organism-specific biosystem;
Function	citrate transmembrane transporter activity;

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