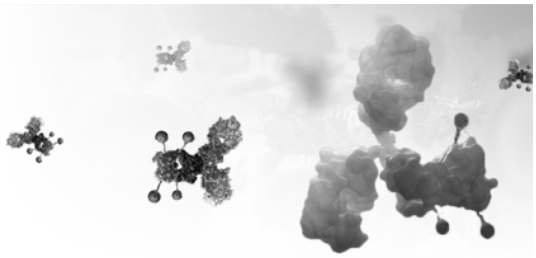

Human SLC7A5 blocking peptide (CDBP1733)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-LAT1/SLC7A5 antibody
Antigen Description	KLF4 (Kruppel-like factor 4 (gut)) is a protein-coding gene. Diseases associated with KLF4 include secretory meningioma, and skin squamous cell carcinoma. GO annotations related to this gene include double-stranded DNA binding and sequence-specific DNA binding transcription factor activity. An important paralog of this gene is KLF1.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SLC7A5 solute carrier family 7 (amino acid transporter light chain, L system), member 5 [Homo sapiens (human)]
Official Symbol	SLC7A5
Synonyms	SLC7A5; solute carrier family 7 (amino acid transporter light chain, L system), member 5; E16; CD98; LAT1; 4F2LC; MPE16; hLAT1; D16S469E; large neutral amino acids transporter small subunit 1; 4F2 LC; 4F2 light chain; CD98 light chain; integral membrane protein E16; L-type

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
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	amino acid transporter 1; solute carrier family 7 member 5; large neutral amino acids transporter 1; y+ system cationic amino acid transporter; sodium-independent neutral amino acid transporter LAT1; solute carrier family 7 (cationic amino acid transporter, y+ system), member 5;
Entrez Gene ID	8140
mRNA Refseq	NM_003486.5
Protein Refseq	NP_003477.4
UniProt ID	Q01650
Chromosome Location	16q24.3
Pathway	Amino acid transport across the plasma membrane, organism-specific biosystem; Basigin interactions, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of inorganic cations/anions and amino acids/oligopeptides, organism-specific biosystem;
Function	L-amino acid transmembrane transporter activity; amino acid transmembrane transporter activity; neutral amino acid transmembrane transporter activity; peptide antigen binding;

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