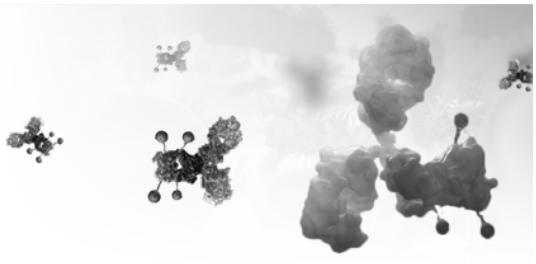

SLC39A5 blocking peptide (CDBP6484)

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

PRODUCT INFORMATION

Antigen Description	Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A5 belongs to a subfamily of proteins that show structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]).[supplied by OMIM, Mar 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	SLC39A5 solute carrier family 39 (zinc transporter), member 5 [Homo sapiens (human)]
Official Symbol	SLC39A5
Synonyms	SLC39A5; solute carrier family 39 (zinc transporter), member 5; ZIP5; LZT-Hs7; zinc transporter ZIP5; ZIP-5; zrt- and Irt-like protein 5; solute carrier family 39 member 5; solute carrier family 39 (metal ion transporter), member 5
Entrez Gene ID	283375

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mRNA Refseq	NM_001135195
Protein Refseq	NP_001128667
UniProt ID	Q6ZMH5
Pathway	Metal ion SLC transporters; SLC-mediated transmembrane transport; Transmembrane transport of small molecules; Transport of glucose and other sugars; Zinc influx into cells by the SLC39 gene family; Zinc transporters
Function	metal ion transmembrane transporter activity; molecular_function

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