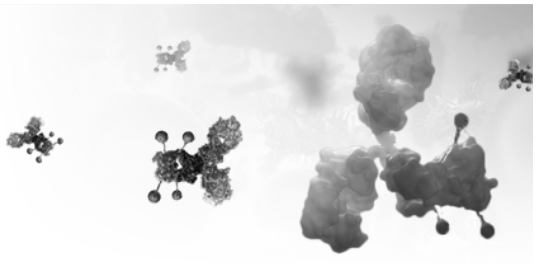

SLC39A8 blocking peptide (CDBP6487)

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 SLC39 family of solute-carrier genes, which show structural characteristics of zinc transporters. The encoded protein is glycosylated and found in the plasma membrane and mitochondria, and functions in the cellular import of zinc at the onset of inflammation. It is also thought to be the primary transporter of the toxic cation cadmium, which is found in cigarette smoke. Multiple transcript variants encoding different isoforms have been found for this gene. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Oct 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	SLC39A8 solute carrier family 39 (zinc transporter), member 8 [Homo sapiens (human)]
Official Symbol	SLC39A8
Synonyms	SLC39A8; solute carrier family 39 (zinc transporter), member 8; ZIP8; PP3105; BIGM103; LZT-Hs6; zinc transporter ZIP8; ZIP-8; Zrt- and Irt-like protein 8; solute carrier family 39 member 8; LIV-1 subfamily of ZIP zinc transporter 6; BCG induced integral membrane protein BIGM103;

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	solute carrier family 39 (metal ion transporter), member 8; BCG-induced integral membrane protein in monocyte clone 103 protein
Entrez Gene ID	64116
mRNA Refseq	NM_001135146
Protein Refseq	NP_001128618
UniProt ID	Q9C0K1
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

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