



SLC39A14 blocking peptide (CDBP6480)

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

PRODUCT INFORMATION

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| 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. SLC39A14 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

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| Gene Name | SLC39A14 solute carrier family 39 (zinc transporter), member 14 [Homo sapiens (human)] |
| Official Symbol | SLC39A14 |
| Synonyms | SLC39A14; solute carrier family 39 (zinc transporter), member 14; NET34; ZIP14; cig19; LZT-Hs4; zinc transporter ZIP14; ZIP-14; Zrt-, Irt-like protein 14; zrt- and Irt-like protein 14; solute carrier family 39 member 14; LIV-1 subfamily of ZIP zinc transporter 4; solute carrier family 39 (metal ion transporter), member 14 |

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| Entrez Gene ID | 23516 |
| mRNA Refseq | NM_001128431 |
| Protein Refseq | NP_001121903 |
| UniProt ID | Q15043 |
| 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 | ferrous iron transmembrane transporter activity; zinc ion transmembrane transporter activity |