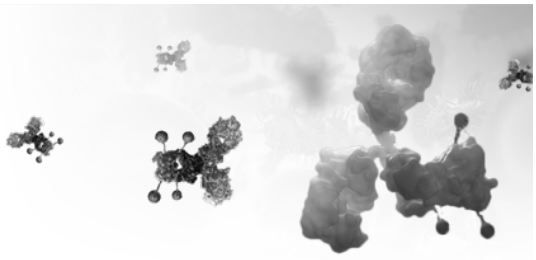

Human SLC30A8 blocking peptide (CDBP2704)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-Slc30A8 antibody
Antigen Description	The protein encoded by this gene is a zinc efflux transporter involved in the accumulation of zinc in intracellular vesicles. This gene is expressed at a high level only in the pancreas, particularly in islets of Langerhans. The encoded protein colocalizes with insulin in the secretory pathway granules of the insulin-secreting INS-1 cells. Allelic variants of this gene exist that confer susceptibility to diabetes mellitus, noninsulin-dependent (NIDDM). Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2010]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 μg/ml
Size	50 μg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20℃, stable for one year.

GENE INFORMATION

Gene Name	SLC30A8 solute carrier family 30 (zinc transporter), member 8 [Homo sapiens]

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

Official Symbol	SLC30A8
Synonyms	SLC30A8; solute carrier family 30 (zinc transporter), member 8; zinc transporter 8; zinc transporter ZnT-8; ZNT8; ZnT-8;
Entrez Gene ID	169026
mRNA Refseq	NM_001172811
Protein Refseq	NP_001166282
UniProt ID	Q8IWU4
Chromosome Location	8q24.11
Pathway	Metal ion SLC transporters, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds, organism-specific biosystem; Zinc efflux and compartmentalization by the SLC30 family, organism-specific biosystem; Zinc transporters, organism-specific biosystem;
Function	cation transmembrane transporter activity; protein homodimerization activity; zinc ion binding; zinc ion transmembrane transporter activity;

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