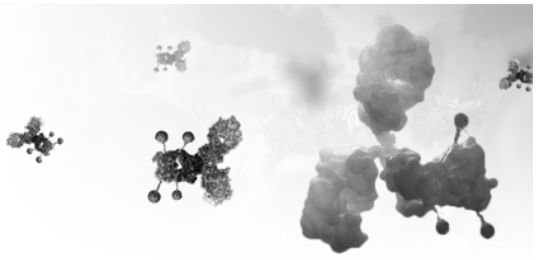

SLC9A1 blocking peptide (CDBP5814)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a Na+/H+ antiporter that is a member of the solute carrier family 9. The encoded protein is a plasma membrane transporter that is expressed in the kidney and intestine. This protein plays a central role in regulating pH homeostasis, cell migration and cell volume. This protein may also be involved in tumor growth. [provided by RefSeq, Sep 2011]
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	SLC9A1 solute carrier family 9, subfamily A (NHE1, cation proton antiporter 1), member 1 [Homo sapiens (human)]
Official Symbol	SLC9A1
Synonyms	SLC9A1; solute carrier family 9, subfamily A (NHE1, cation proton antiporter 1), member 1; APNH; NHE1; NHE-1; PPP1R143; sodium/hydrogen exchanger 1; Na(+)/H(+) exchanger 1; Na-Li countertransporter; protein phosphatase 1, regulatory subunit 143; solute carrier family 9 (sodium/hydrogen exchanger), member 1 (antiporter, Na+/H+, amiloride sensitive); solute carrier family 9 (sodium/hydrogen exchanger), isoform 1 (antiporter, Na+/H+, amiloride

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	sensitive)
Entrez Gene ID	6548
mRNA Refseq	NM_003047
Protein Refseq	NP_003038
UniProt ID	P19634
Pathway	Adrenergic signaling in cardiomyocytes; Bile secretion; Cardiac muscle contraction; Disease; Endothelins; ErbB1 downstream signaling; G Protein Signaling Pathways; Gastric acid secretion
Function	calcium-dependent protein binding; calmodulin binding; protein binding; sodium:proton antiporter activity; sodium:proton antiporter activity; solute:proton antiporter activity

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