

Recombinant Human SLC9A3

Cat. No. SLC9A3-31431TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 670-779 of Human Sodium / Hydrogen Exchanger 3 with an N terminal proprietary tag; Predicted MWt 37.84 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	110 amino acids
Molecular Weight	37.840kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	GLNQNKKAALKLYKRERAQKRRNSSIPNGKLPMESPAQNFT IKEKDLELSDTTEPPN YDEEMSGGIEFLASVTKDTASDSP AGIDNPVFSPDEALDRSLLARLPPWLSPGE
Sequence Similarities	Belongs to the monovalent cation:proton antiporter 1 (CPA1) transporter (TC 2.A.36) family.

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GENE INFORMATION

Gene Name	SLC9A3 solute carrier family 9 (sodium/hydrogen exchanger), member 3 [Homo sapiens]
Official Symbol	SLC9A3
Synonyms	SLC9A3; solute carrier family 9 (sodium/hydrogen exchanger), member 3; NHE3, solute carrier family 9 (sodium/hydrogen exchanger), isoform 3; sodium/hydrogen exchanger 3;
Gene ID	6550
mRNA Refseq	NM_004174
Protein Refseq	NP_004165
MIM	182307
Uniprot ID	P48764
Chromosome Location	5p15.3
Pathway	Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Endothelins, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem;
Function	antiporter activity; sodium:hydrogen antiporter activity; solute:hydrogen antiporter activity;

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