

Proteoliposomes

Full-Length

SLC9A1 (Human) Recombinant Protein

Catalog # H00006548-G01

Size 10 ug

Specification

Product Description

Human SLC9A1 full-length ORF (ADZ15465.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MVLRSGICGLSPHRIFPSLLVVVALVGLLPVLRSHGLQLSPTASTIRSSEPPEPRERSIGDVTTAPPEV
TPESRPVNHSVTDHGMKPRKAFPVLGIDYTHVTRTPFEISLWILLACLMKIGFHVPTISSVPESCLLIV
VGLLVGGLIKGVGETPPFLQSDVFFLFLPPILDAGYFLPLRQFTENLGTILIFAVVGTLWNAFFLGG
LMYAVCLVGGEQINNIGLLDNLLFGSIISAVDPVAVLAVFEEIHINELLHILVFGESLLNDAVTVVLYHL
FEEFANYEHVGMDFLGLSFFVVALGGVLGVVYGVIAAFTSRFTSHIRVIEPLFVFLYSYMAYLSA
ELFHLSGIMALIASGVVMRPYVEANISHKSHTTIKYFLKMWSSVSETLIFLGVSTVAGSHHWNWTF
VISTLLFCLARVLGVLGLTWINKFRMKLTPKDQFIIAYGGLRGAIASLGYLLDKKHFPMDLFLTAI
ITVIFTVFVQVLGQGRAGPCLGDPHRLFPWKERKACDLKCDSSPSTTNLLCDLGRATPPFWA
SVSSIVK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.1

Interspecies Antigen Sequence

Mouse (93); Rat (93)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — SLC9A1

Entrez GeneID	6548
GeneBank Accession#	JF432248.1
Protein Accession#	ADZ15465.1
Gene Name	SLC9A1
Gene Alias	APNH, FLJ42224, NHE1
Gene Description	solute carrier family 9 (sodium/hydrogen exchanger), member 1
Omim ID	107310
Gene Ontology	Hyperlink
Gene Summary	The Na ⁺ /H ⁺ antiporter (SLC9A1) is a ubiquitous membrane-bound enzyme involved in pH regulation of vertebrate cells. It is specifically inhibited by the diuretic drug amiloride and activated by a variety of signals including growth factors, mitogens, neurotransmitters, tumor promoters, and others (Mattei et al., 1988 [PubMed 2846238]).[supplied by OMIM]
Other Designations	Na ⁺ /H ⁺ antiporter, amiloride-sensitive Na-Li countertransporter OTTHUMP00000004468 sodium/hydrogen exchanger 1 solute carrier family 9 (sodium/hydrogen exchanger), isoform 1 (antiporter, Na ⁺ /H ⁺ , amiloride sensitive) solute carrier family 9 (sodium/hydroge

Pathway

- [Cardiac muscle contraction](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Cerebrovascular Accident](#)
- [Genetic Predisposition to Disease](#)

- [Seizures](#)