

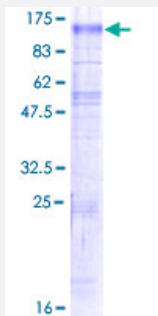
Full-Length

SLC9A6 (Human) Recombinant Protein (P01)

Catalog # H00010479-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SLC9A6 full-length ORF (NP_001036002.1, 1 a.a. - 701 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MARRGWRRAPLRRGVGSSPRARRLMRPLWLLAVGVFDWAGASDGGGGGEARAMDEEN/SEKQ
AEESHRQDSANLLIFILLTLTILTWLFKHRRARFLHETGLAMYGLLVGLVLRIGHVPSDVNNVTLS
CEVQSSPTTLLVNVSGKFYEYMLKGEISSHELNNVQDNEMLRKVTFDPEVFFNILLPPIIFYAGYSL
KRRHFFRNLGSIAYAF LGTAISCFVIGSIMYGCVTLMKV TGQLAGDFYFTDCLLFGAIVSATDPVTV
LAIFHELQVDVELYALLFGESVLNDAVAVLSSSMAYQPAGDNSHTFDVTAMFKSIGIFLGIFSGSF
AMGAATGVVTALVTKFTKLREFQLLETGLFFLMSWSTFLAEAWGFTGVVAVLFCGITQAHYTYNN
LSTESQHRTKQLFELLNFLAENFIFS YMGLTLFTFQNHVFNPTFVVGA FVAIFLGRAANIYPLSLLN
LGRRSKIGSNFQHMMMFAGLRGAMAFALAI RDATYARQMMFSTLLMVFFTVWVFGGGTTAMLS
CLHIRVGVDSDQEHLGVPENERRTTKAESAWLFRMWYNFDHNYLKPLLTHSGPPLTTLPACCG
PIARCLTSPQAYENQEQLKDDSDILNDGDISLTYGDSTVNTEPATSSAPRRFMGNSSDALDR
ELAFGDHEL VIRGTRLVLPMD DSEPPLNLLDNTRHGPA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

104.3

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SLC9A6

Entrez GeneID	10479
GeneBank Accession#	NM_001042537.1
Protein Accession#	NP_001036002.1
Gene Name	SLC9A6
Gene Alias	KIAA0267, MRSA, NHE6
Gene Description	solute carrier family 9 (sodium/hydrogen exchanger), member 6
Omim ID	300231
Gene Ontology	Hyperlink
Gene Summary	The SLC9A6 gene encodes a monovalent sodium-selective sodium/hydrogen exchanger (NHE) that is found in the membranes of intracellular organelles such as mitochondria and endosomes. NHEs participate in a wide array of essential cellular processes, including control of intracellular pH, maintenance of cellular volume, and reabsorption of sodium across renal, intestinal, and other epithelia.[supplied by OMIM]
Other Designations	OTTHUMP00000024089 OTTHUMP00000024090

Pathway

- [Cardiac muscle contraction](#)

Disease

- [Angelman Syndrome](#)