

Proteoliposomes

Full-Length

SLC8A2 (Human) Recombinant Protein

Catalog # H00006543-G01

Size 10 ug

Specification

Product Description

Human SLC8A2 full-length ORF (AAI67838.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MAPLALVGVTLLAAPPSCGAATPTPSLPPPPANDSDTSTGGCQGSYRCQPGVLLPVWEPDDP
SLGDKAARAVVYFVAMVYMFLGVSIIADRFMAAIEVITSKEKEITTKANGETSVGTVRIWNETVSNLT
LMALGSSAPEILLSVIEVCGHNFQAGELGPGTVGSAAFNMFVVIACIYIPAGESRKIKHLRVFFV
TASWSIFAYVWLYLILAVFSPGVVQVWEALLTVFFPVCVVFAMADKRLLFYKYVYKRYRTDPR
SGIIIGAEGDPPKSIELDGTFTVGAEAPGELGGLGPGPAEARELDASRREVIQILKDLKQKHPDKDLE
QLVGIANYYALLHQQKSRAFYRIQATRLMTGAGNVLRRHAADASRAAPAEAGEDDEDDGASRIF
FEPSTYHCLNCGSVLLSVTCQGGEGNSTFYDYRTEDGSAKAGSDYEYSEGLTVFKPGETQKE
LRIGIIDDIFEEDHFFVRLNLRVGDAQGMFEPDGGGRPKGRLVAPLLATVTILDDDHAGIFSQ
DRLLHVSECMGTVDVRVVRSSGARGTVRLPYRTVDGTARGGGVHYEDACGELEFGDDETMKTL
QVKIVDDEEYEKKDNFFIELGQPQWLKRGISALLLNQGDGDRKLTAEERARRIAEMGKPV LGEN
CRLEVIIIESYDFKNTVDKLIKTNLALVIGTHSWREQFLEAITVSAGDEEEEEEDGSREERLPSCFD
YVMHFLT VFWKVL FACVPPTEYCHGWACFGVSILVIGLLTALIGDLASHFGCTVGLKDSVNAVVFV
ALGTSIPDTFASKVAALQDQCADASIGNVTGSNAVNVFLGLGVAWSVAAVYWAVQGRPFEVRTG
TLAFSVTLFTVFAFVGIAVLLYRRRPHIGGELGGPRGPKLATTALFLGLWLLYLFASLEAYCHIRGF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

101.4

Interspecies Antigen Sequence

Mouse (94)

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 — SLC8A2

Entrez GeneID	6543
GeneBank Accession#	BC167838.1
Protein Accession#	AA167838.1
Gene Name	SLC8A2
Gene Alias	NCX2
Gene Description	solute carrier family 8 (sodium/calcium exchanger), member 2
Omim ID	601901
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	Na ⁺ /Ca ²⁺ -exchanging protein Nac2 sodium-calcium exchanger 2 solute carrier family 8 (sodium-calcium exchanger), member 2 solute carrier family 8 member 2

Pathway

- [Calcium signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)