

Recombinant Human SLC8A2 Protein (D2-L437), 8×His-MBP, Flag tagged

Cat. No. SLC8A2-0665H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-MBP-TEV-(GG)-SLC10A4(D2-L437)-Flag Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	D2-L437
Description	Mediates the electrogenic exchange of Ca(2+) against Na(+) ions across the cell membrane, and thereby contributes to the regulation of cytoplasmic Ca(2+) levels and Ca(2+)-dependent cellular processes. Contributes to cellular Ca(2+) homeostasis in excitable cells. Contributes to the rapid decrease of cytoplasmic Ca(2+) levels back to baseline after neuronal activation, and thereby contributes to modulate synaptic plasticity, learning and memory. Plays a role in regulating urinary Ca(2+) and Na(+) excretion.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	80%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80

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	centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Formulation:
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	SLC8A2 solute carrier family 8 (sodium/calcium exchanger), member 2 [Homo sapiens (human)]
Official Symbol	SLC8A2
Synonyms	NCX2
Gene ID	6543
mRNA Refseq	NM_015063
Protein Refseq	NP_055878
MIM	601901
UniProt ID	Q9UPR5

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