Recombinant Human SLC8A1 protein, GST-tagged

Cat. No. SLC8A1-301560H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC8A1 protein(1-59 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-59 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MYNMRRLSLSPTFSMGFHLLVTVSLLFSHVDHVIAETEMEGEGNETGECTGSYYCK KGV
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

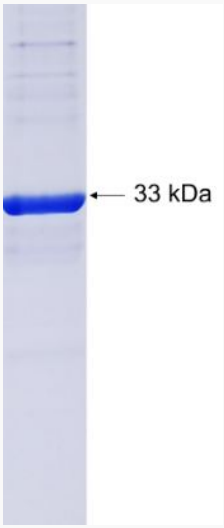
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	μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	SLC8A1 solute carrier family 8 (sodium/calcium exchanger), member 1 [Homo sapiens]
Official Symbol	SLC8A1
Synonyms	NCX1
Gene ID	6546
mRNA Refseq	NM_021097.2
Protein Refseq	NP_066920.1
MIM	182305
UniProt ID	P32418

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