

Recombinant Human SLC5A11 protein, His-tagged

Cat. No. SLC5A11-3429H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC5A11 protein(476-589 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	476-589 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SWFTEPPSKEMVSHLTWFTRHDPVVQKEQAPPAAPLSLTLSQNGMPEASSSSSVQ FEMVQENTSKTHSCDMTPKQSKVVKAILWLCGIQEKGKEELPARAEAIIVSLEENPLV K
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	SLC5A11 solute carrier family 5 (sodium/glucose cotransporter), member 11 [Homo sapiens]
Official Symbol	SLC5A11
Synonyms	SLC5A11; solute carrier family 5 (sodium/glucose cotransporter), member 11; sodium/myo-inositol cotransporter 2; KST1; SGLT6; SMIT2; homolog of rabbit KST1; na+/myo-inositol cotransporter 2; sodium/glucose cotransporter KST1; sodium/myo-inositol transporter 2; solute carrier family 5 member 11; Na(+)/myo-inositol cotransporter 2; sodium-dependent glucose cotransporter; putative sodium-coupled cotransporter RKST1; RKST1;
Gene ID	115584
mRNA Refseq	NM_052944
Protein Refseq	NP_443176
MIM	610238
UniProt ID	Q8WWX8

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