

Recombinant Human SLC12A1, His-tagged

Cat. No. SLC12A1-2697H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC12A1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-176aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	SLC12A1 solute carrier family 12 (sodium/potassium/chloride transporters), member 1 [Homo sapiens]
Official Symbol	SLC12A1
Synonyms	SLC12A1; solute carrier family 12 (sodium/potassium/chloride transporters), member 1; solute carrier family 12 member 1; NKCC2; NKCC2A variant A; Na-K-2Cl cotransporter; kidney-specific Na-K-Cl symporter; bumetanide-sensitive sodium-

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(potassium)-chloride cotransporter 2; BSC1; MGC48843;	
Gene ID	6557
mRNA Refseq	NM_000338
Protein Refseq	NP_000329
MIM	600839
UniProt ID	Q13621
Chromosome Location	15q15-q21
Pathway	Cation-coupled Chloride cotransporters, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of inorganic cations/anions and amino acids/oligopeptides, organism-specific biosystem;
Function	ion transmembrane transporter activity; sodium:potassium:chloride symporter activity; symporter activity; transporter activity;

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