

Recombinant Human SLC12A7 protein, His-tagged

Cat. No. SLC12A7-3853H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC12A7 protein(953-1004 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	953-1004 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	IHDRNTASHTAAAARTQAPPTPDQVQMTWTREKLIAEKYRSRDTSLSGFKDL
Purity	90%, 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 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer 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

GENE INFORMATION

Gene Name	SLC12A7 solute carrier family 12 (potassium/chloride transporters), member 7 [Homo sapiens]
Official Symbol	SLC12A7
Synonyms	SLC12A7; solute carrier family 12 (potassium/chloride transporters), member 7; solute carrier family 12 member 7; DKFZP434F076; KCC4; K-Cl cotransporter 4; potassium/chloride transporter KCC4; electroneutral potassium-chloride cotransporter 4; DKFZp434F076;
Gene ID	10723
mRNA Refseq	NM_006598
Protein Refseq	NP_006589
MIM	604879
UniProt ID	Q9Y666

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