Recombinant Human SLC5A5 protein, His-tagged

Cat. No. SLC5A5-2778H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC5A5 protein(539-643 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	539-643 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	TVLCGALISCLTGPTKRSTLAPGLLWWDLARQTASVAPKEEVAILDDNLVKGPEELPT GNKKPPGFLPTNEDRLFFLGQKELEGAGSWTPCVGHDGGRDQQETNL
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 ḡ/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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	storage.

GENE INFORMATION

Gene Name	SLC5A5 solute carrier family 5 (sodium iodide symporter), member 5 [Homo sapiens]
Official Symbol	SLC5A5
Synonyms	SLC5A5; solute carrier family 5 (sodium iodide symporter), member 5; sodium/iodide cotransporter; NIS; Na(+)/I(-) symporter; Na(+)/I(-) cotransporter; TDH1;
Gene ID	6528
mRNA Refseq	NM_000453
Protein Refseq	NP_000444
MIM	601843
UniProt ID	Q92911

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