

Recombinant Human SLC5A5 protein, His-tagged

Cat. No. SLC5A5-743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC5A5 protein(Q92911)(547-643aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	547-643a.a.
Tag	His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	17.4 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

SCLTGPTKRSTLAPGLLWDLARQTASVAPKEEVAILDDNLVKGPEELPTGNKKPP
GFLPTNEDRLFFLGQKELEGAGSWTPCVGHDGGRDQQETNL

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

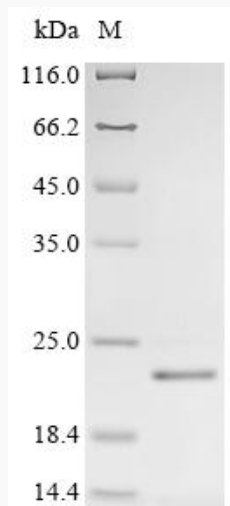
UniProt ID

Q92911

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SDS-PAGE

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