

Recombinant Human SLC4A4, GST-tagged

Cat. No. SLC4A4-2775H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC4A4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	25-354aa
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	SLC4A4 solute carrier family 4, sodium bicarbonate cotransporter, member 4 [Homo sapiens]
Official Symbol	SLC4A4
Synonyms	SLC4A4; solute carrier family 4, sodium bicarbonate cotransporter, member 4; SLC4A5; electrogenic sodium bicarbonate cotransporter 1; hhNMC; HNBC1; NBC1; NBC2; pNBC; kNBC1; Na(+)/HCO ₃ (-) cotransporter; solute carrier family 4, sodium

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	bicarbonate cotransporter, member 5; solute carrier family 4, sodium bicarbonate cotransporter, member 4, brain type; sodium bicarbonate cotransporter 1 (sodium bicarbonate cotransporter, kidney; sodium bicarbonate cotransporter, pancreas); KNBC; DKFZp781H1314;
Gene ID	8671
mRNA Refseq	NM_001098484
Protein Refseq	NP_001091954
MIM	603345
UniProt ID	Q9Y6R1
Chromosome Location	4q21
Pathway	Bicarbonate transporters, organism-specific biosystem; Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem; Proximal tubule bicarbon
Function	anion transmembrane transporter activity; inorganic anion exchanger activity; protein binding; sodium:bicarbonate symporter activity; symporter activity; transporter activity;