Recombinant Human SLC4A5 protein, His-tagged

Cat. No. SLC4A5-2502H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC4A5 protein(953-1019 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	953-1019 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	NILPEKEKKETDKKRKRKKGAHEDCDEEPQFPPPSVIKIPMESVQSDPQNGIHCIARK RSSSWSYSL
Purity	95%, 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	SLC4A5 solute carrier family 4, sodium bicarbonate cotransporter, member 5 [Homo sapiens]
Official Symbol	SLC4A5
Synonyms	SLC4A5; solute carrier family 4, sodium bicarbonate cotransporter, member 5; electrogenic sodium bicarbonate cotransporter 4; NBC4; NBCe2; MGC129662;
Gene ID	57835
mRNA Refseq	NM_021196
Protein Refseq	NP_067019
MIM	606757
UniProt ID	Q9BY07

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