

Recombinant Human SLC4A1 protein, His-tagged

Cat. No. SLC4A1-3717H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC4A1 protein(1-200 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-200 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	MEELQDDYEDMMEENLEQEEYEDPDIPESQMEEPAAHDTATDYHTTSHPGTH KVYVELQELVMDEKNQELRWMEARWVQLEENLGENGAWGRPHLSHLTFWSLLE LRRVFTKGTVLLDLQETSLAGVANQLLDRFIFEDQIRPQDREELLRALLLKHSAGEL EALGGVKPAVLTRSGDPSQPLLPQHSSLETQLF
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.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	SLC4A1 solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane protein band 3, Diego blood group) [Homo sapiens]
Official Symbol	SLC4A1
Synonyms	SLC4A1; solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane protein band 3, Diego blood group); AE1, DI, EPB3, Waldner blood group , WD; band 3 anion transport protein; CD233; FR; Froese blood group; RTA1A; SW; Swann blood group; WR; Wright blood group; anion exchanger 1; anion exchanger-1; Waldner blood group; anion exchange protein 1; erythroid anion exchange protein; erythrocyte membrane protein band 3; solute carrier family 4, anion exchanger, number 1; DI; WD; AE1; WD1; BND3; EPB3; EMPB3; MGC116750; MGC116753; MGC126619; MGC126623;
Gene ID	6521
mRNA Refseq	NM_000342
Protein Refseq	NP_000333
UniProt ID	P02730

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