

## Recombinant Human SLC4A1 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SLC4A1 protein(1-200 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-200 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	MEELQDDYEDMMEENLEQEEYEDPDIPESQMEEPAAHDTEATATDYHTTSHPGTH KVYVELQELVMDEKNQELRWMEARWVQLEENLGENGAWGRPHLSHLTFWSLLE LRRVFTKGTVLLDLQETSLAGVANQLLDRFIFEDQIRPQDREELLRALLLKHSAGEL EALGGVKPAVLTRSGDPSQPLLPQHSSLETQLF
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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.

## 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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