

## Recombinant Human SLC4A1 protein, His & T7-tagged

Cat. No. SLC4A1-1793H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SLC4A1 aa. (Ala35~Ser290 (Accession # P02730)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala35~Ser290
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 33.1kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 5.5.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

SLC4A1 solute carrier family 4 member 1 (Diego blood group) [ Homo sapiens (human) ]

**Official Symbol**

SLC4A1

**Synonyms**

SLC4A1; solute carrier family 4 member 1 (Diego blood group); DI; FR; SW; WD; WR; AE1; CHC; SAO; WD1; BND3; EPB3; SPH4; CD233; EMPB3; RTA1A; band 3 anion transport protein; Diego blood group; Froese blood group; Swann blood group; Waldner blood group; Wright blood group; anion exchange protein 1; anion exchanger-1; erythrocyte membrane protein band 3; erythroid anion exchange protein; solute carrier family 4 (anion exchanger), member 1 (Diego blood group); solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane protein band 3, Diego blood group); solute carrier family 4, anion exchanger, number 1

**Gene ID**

6521

**mRNA Refseq**

NM\_000342.3

**Protein Refseq**

NP\_000333.1

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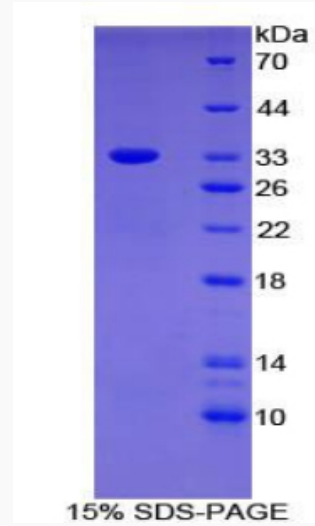
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UniProt ID

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SDS-PAGE



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