

Recombinant Human SLC4A1 protein, His & T7-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SLC4A1 aa. (Ala35~Ser290 (Accession # P02730)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala35~Ser290
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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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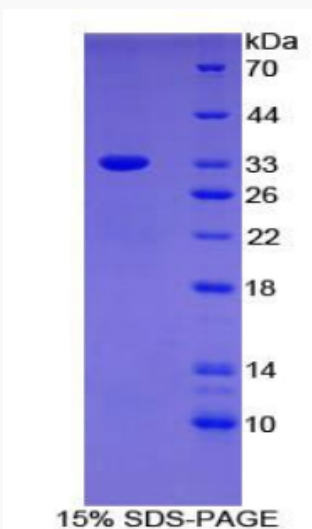
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UniProt ID

P02730

SDS-PAGE

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