Recombinant Rat Slc4a1 protein, His-tagged

Cat. No. Slc4a1-1794R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Slc4a1 aa. (Ile558~Phe675) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ile558~Phe675
Description	A transporter; functions as a chloride/carbonate exchanger and binds to components of the cytoskeleton.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.9KDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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.

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	(Referring from China Biological Products Standard, which was calculated by the 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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Slc4a1 solute carrier family 4 member 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Slc4a1
Synonyms	Slc4a1; solute carrier family 4 member 1; band 3 anion transport protein; AE 1; Solute carrier family 4, member 1, anion exchange protein 1 (kidney band 3); anion exchange protein 1; anion exchanger 1; solute carrier family 4 (anion exchanger), member 1
Gene ID	24779
mRNA Refseq	NM_012651.2
Protein Refseq	NP_036783.2
UniProt ID	P23562

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