

Recombinant Rat Clic4 protein, His-tagged

Cat. No. Clic4-1431R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Clic4 aa. (Tyr104~Lys253 (Accession # Q9Z0W7) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Tyr104~Lys253
Description	A plasma membrane chloride anion channel.
Form	Freeze-dried powder
Molecular Mass	18kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.1.
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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

at 37°C for 48h, and no obvious degradation and precipitation were observed. (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

Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

Reconstitution

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

GENE INFORMATION

Gene Name

[Clic4 chloride intracellular channel 4 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Clic4](#)

Synonyms

Clic4; chloride intracellular channel 4; chloride intracellular channel protein 4; chloride intracellular channel 4 (mitochondrial); intracellular chloride ion channel protein p64H1; mitochondrial chloride intracellular channel 4

Gene ID

[83718](#)

mRNA Refseq

[NM_031818.1](#)

Protein Refseq

[NP_114006.1](#)

UniProt ID

[Q9Z0W7](#)

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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