

Recombinant Human CLIC4 Protein, His&GST-tagged

Cat. No. CLIC4-799H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLIC4 Protein (Tyr104-Lys253) with His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Tyr104-Lys253
Description	Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume. Chloride intracellular channel 4 (CLIC4) protein, encoded by the CLIC4 gene, is a member of the p64 family; the gene is expressed in many tissues and exhibits a intracellular vesicular pattern in Panc-1 cells (pancreatic cancer cells).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 47.3 kDa; Accurate Molecular Mass: 47 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade 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

CLIC4 chloride intracellular channel 4 [Homo sapiens (human)]

Official Symbol

CLIC4

Synonyms

CLIC4; chloride intracellular channel 4; chloride intracellular channel protein 4; CLIC4L; DKFZP566G223; H1; huH1; p64H1; P64H1; chloride intracellular channel 4 like; intracellular chloride ion channel protein p64H1; MTCLIC; FLJ38640; DKFZp566G223;

Gene ID

25932

mRNA Refseq

NM_013943

Protein Refseq

NP_039234

MIM

606536

UniProt ID

Q9Y696

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