

Recombinant Full Length Human CLIC4 Protein, C-Flag-tagged

Cat. No. CLIC4-1647HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CLIC4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	28.6 kDa
AA Sequence	MALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMILWLKGVVFSVTTV DLKRKPADLQNLA PGTHPPFITFNSEVKTDVNKIEEFLEEVLCPPKYLLKSPKHPESN TAGMDIFAKFSAYIKNSRPEANEAL ERGLLKTLQKLDEYLN SPLPDEIDENS MEDIKF STRKFLDGNEMTLADCNLLPKLHIVKVVAKKYRNFDI PKEMTGIWRYLTNAYS RDEFTNTCPSDKEVEIAYS DVAKRLTKRTRTRPLEQKLISEED LAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Ion Channels: Other
Full Length	Full L.

GENE INFORMATION

Gene Name	CLIC4 chloride intracellular channel 4 [Homo sapiens (human)]
Official Symbol	CLIC4
Synonyms	H1; huH1; p64H1; CLIC4L; MTCLIC
Gene ID	25932
mRNA Refseq	NM_013943.3
Protein Refseq	NP_039234.1
MIM	606536

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UniProt ID

Q9Y696



Coomassie blue staining of purified CLIC4 protein.

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