

Recombinant Human CLIC4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CLIC4-3095H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CLIC4 MS Standard C13 and N15-labeled recombinant protein (NP_039234) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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).
Molecular Mass	28.8 kDa
AA Sequence	MALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMILWLKGVVFSVTTV DLKRKPADLQNLAPGTHPPFITFNSEVKTDVNKIEEFLEEVLCPPKYLKLSPKHPESN TAGMDIFAKFSAYIKNSRPEANEALERGLLKTQLDEYLN SPLPDEIDENS MEDIKFS TRKFLDGNEMTLADCNLLPKLHIVKVVAKKYRNFDIPKEMTGIWRYLTNAYS RDEFT NTCPSDKEVEIAYS DVAKRLTKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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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SDS-PAGE

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