Recombinant Mouse Clic4 Protein, Myc/DDK-tagged

Cat. No. Clic4-2190M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length chloride intracellular channel 4 (mitochondrial) (Clic4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Can insert into membranes and form poorly selective ion channels that may also transport chloride ions. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxydizing conditions. Promotes cell-surface expression of HRH3. May play a role in angiogenesis.
Molecular Mass	29.2 kDa
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 after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Clic4 chloride intracellular channel 4 (mitochondrial) [Mus musculus (house mouse)]
Official Symbol	Clic4
Synonyms	CLIC4; chloride intracellular channel 4 (mitochondrial); chloride intracellular channel protein 4; mc3s5/mtCLIC; TU-74; mc3s5; D0Jmb3; mtCLIC
Gene ID	29876
mRNA Refseq	NM_013885
Protein Refseq	NP_038913
UniProt ID	Q9QYB1

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