



# CLIC4 Protein Crystal

Catalog: CBCRY20

## PRODUCT INFORMATION

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**Name** CLIC4 Protein Crystal

**Cat No.** CBCRY20

**Fragment** Full length

**Protein Description** Chloride intracellular channel 4

**Background**

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).

**Protein Classification** Transport protein

**Structure Weight** 89641.50 Da

**Method** X-Ray Diffraction

**Resolution** 2.8Å

**Reference**

Li, Y.F., Li, D.F., Zeng, Z.H., Wang, D.C. (2006) Trimeric structure of the wild soluble chloride intracellular ion channel CLIC4 observed in crystals *Biochem.Biophys.Res.Commun.* 343: 1272-1278