

CLIC4 Protein Crystal

Catalog: CBCRY20

PRODUCT INFORMATION

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

USAGE GUIDELINES

General

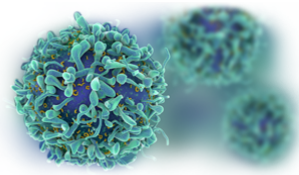
Avoid excessive mixing or shocking to prevent aggregation. Long term storage above -80°C may result in aggregate formation.

Storage

Short term: +2°C to +8°C
Long term: -80°C

Stability

n.a.



Freezing

Can be frozen, but avoid multiple freeze/thaw cycles.
