

## CLIC2 Human

**Description:** CLIC2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 267 amino acids (1-247 a.a.) and having a molecular mass of 30.5kDa. CLIC2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-205

For research use only.

**Synonyms:** Chloride intracellular channel protein 2, XAP121, CLIC2, CLIC2b, XAP121.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHH SSGLVPRGSH MSGLRPGTQV DPEIELFVKA  
GSDGESIGNC PFCQQLFMIL WLKGVKFNVTVDMTRKPEE LKDLAPGTNP PFLVYNKELK  
TDFIKIEEFL EQTLAPPRYP HLSPKYKESF DVGCNLFKAF SAYIKNTQKE ANKNFEKSL  
KEFKRLDDYL NTPLLDEIDPDSAEPPVSR RLFLDGDQLT LADCSLLPKL NIKVAAKKY  
RDFDIPAEFS GVV

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

The CLIC2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol 0.1M NaCl and 1mM DTT.

**Stability:**

CLIC2 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

Chloride intracellular channel protein 2 (CLIC2) regulates cellular traffic of chloride ions, which is a critical component of all living cells. CLIC2 is involved in membrane potential stabilization, signal transduction, cell volume regulation and organic solute transport. CLIC2 is identified in the fetal liver and adult skeletal muscle tissue. CLIC2 is a likely candidate for one of the many diseases linked to Xq28.

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