

## CLIC4 Human

**Description:** CLIC4 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 273 amino acids (1-253 a.a.) and having a molecular mass of 30.9kDa. The CLIC4 is purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-180

For research use only.

**Synonyms:** Chloride intracellular channel protein 4, Intracellular chloride ion channel protein p64H1, CLIC4, H1, huH1, p64H1, CLIC4L, MTCLIC, FLJ38640, DKFZp566G223.

**Source:** Escherichia Coli.

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

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MALSMPLNGL KEEDKEPLIE  
LFVKAGSDGE SIGNCPFSQR LFMILWLKGV VFSVTTVDLK RKPADLQNLA PGTHPPFITF  
NSEVKTDV NK IEEFLEEVLC PPKYLKLSPK HPESNTAGMD IFAKFSAYIK NSRPEANEAL  
ERGLLKT LQK LDEYLN SPLP DEIDENS MED IKFSTRKFLD GNEMTLADCN LLPKLHIVKV  
VAKKYRNFDI PK

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

**Formulation:**

The CLIC4 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.

**Stability:**

CLIC4 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 4 (CLIC4) belongs to the p64 family; CLIC4 is expressed in various tissues and exhibits an intracellular vesicular pattern in Panc-1 cells (pancreatic cancer cells). CLIC4 is a 253 amino acid single-pass membrane protein which localizes to both the nucleus and the cytoplasm and contains one GST C-terminal domain. CLIC4 acts as a monomer which is able to form selective ion channels in target proteins, thus facilitating the transport of chloride and other ions. CLIC4 is believed to have a role in apoptosis and is able to translocate to the nucleus under stress conditions.

**To place an order, please [Click HERE](#).**