

## 32-3549: CLIC4 Recombinant Protein

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

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** The CLIC4 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MALSMPLNGL KEEDKEPLIE LFKAGSDGE SIGNCPFSQR LFMILWLKGV VFSVTTVDLK RKPADLQNLA PGTHPPFITF NSEVKTDVNK IEEFLEEVLC PPKYLKLSPK HPESNTAGMD IFAKFSAYIK NSRPEANEAL ERGLLKTLOK LDEYLNPLP DEIDENSMED IKFSTRKFLD GNEMTLADCN LLPKLHIVKV VAKKYRNFDI PKEMTGIWRY LTNAYSRDEF TNTCPSDKEV EIAYSVAKR LTK.

