

## 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 LFVKAGSDGE SIGNCPFSQR  
 LFMILWLKGV VFSVTTVDLK RKPADLQNLA PGTHPPFITF NSEVKTDVNK IEEFLEEVL  
 PPKYLKLSPK HPESNTAGMD IFAKFSAYIK NSRPEANEAL ERGLLKTQK LDEYLN SPLP  
 DEIDENSMED IKFSTRKFLD GNEMTLADCN LLPKLHIVKV VAKKYRNFDI PKEMTGIWRY  
 LTNAYS RDEF TNTCPSDKEV EIAYS DVAKR LTK.

