

32-3548: CLIC2 Recombinant Protein

Alternative Name : Chloride intracellular channel protein 2,XAP121,CLIC2,CLIC2b,XAP121.

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The CLIC2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol 0.1M NaCl and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSSLVPRGSH MSGLRPGTQV DPEIELFVKA GSDGESIGNC PFCQRLFMIL WLKGVKFNVT TVDMTRKPEE LKDLAPGTNP PFLVYNKELK TDFIKIEEFL EQTLAPPRYP HLSPKYKESF DVGCNLFAKF SAYIKNTQKE ANKNFEKSL LKEFKRLDDYL NTPLLDEIDPDSAEEPPVSR RLFLDGDQLT LADCSSLPLK NIIKVAACKY RFDIPAEFS GVWRYLHNAY AREEFTHTCP EDKEIENTYA NVAKQKS.