

Chloride Intracellular Channel 2 Human Recombinant

Item Number	rAP-3004
Synonyms	Chloride intracellular channel protein 2, XAP121, CLIC2, CLIC2b, XAP121.
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.
Uniprot Accession Number	O15247
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSGLRPGTQV DPEIELFVKA GSDGESIGNC PFCQRLFMIL WLKGVKFNVT TVDMTRKPEE LKDLAPGTNP PFLVYNKELK TDFIKIEEFL EQTLAPPRYP HLSPKYKESF DVGCNLFAPK SAYIKNTQKE ANKNFEKSL KFKRLDDYL NTPLLDEIDPDSAEEPPVSR RLFLDGDQLT LADCSLLPKL NIIKVAACKY RFDIPAEFS GVWRYLHNAY AREEFTHTCP EDKEIENTYA NVAKQKS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The CLIC2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol 0.1M NaCl and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**