

CLIC2, 1-247aa, Human, His tag, E.coli

Cat.NO.: TP01645

3th Edition

Synonyms:Chloride intracellular channel protein 2, CLIC2b, XAP121.

Description:CLIC2, also known as, chloride intracellular channel protein 2, regulates cellular traffic of chloride ions, a critical component of all living cells. This protein is involved in membrane potential stabilization, signal transduction, cell volume regulation and organic solute transport.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl and 1mM DTT

Molecular Weight:30.5 kDa(267aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMSGLRPGTQVDPEIELFVKAGSDGESIGNCPFCQRLFMLWLKGVKFNVTVDMT
RKPEELKDLAPGTNPPFLVYNKELKTDFIKIEEFLEQTLAPPRYPHLSPKYKESFDVGCNLFKFSAYIKNTQKEANK
NFEKSLLEKFKRLDDYLNTPLLDEIDPDSAEPPVSRRLFLDGDQLTLADCSLLPKLNIIKVAKKYRDFDIPAEEFSGV
WRYLHNAYAREEFTHTCPEDKEIENTYANVAKQKS

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.