

CLIC1, 1-241aa, Human, His tag, E.coli

Cat.NO.: TP01644

3th Edition

Synonyms: Chloride intracellular channel protein 1, G6, NCC27

Description: CLIC1 (Chloride intracellular channel 1), also referred to as NCC27, is a member of the highly conserved family of chloride ion channels that function in both soluble and integral membrane forms. This protein is a monomeric protein that contains a redox-active site similar to glutaredoxin; it functions as an anion-selective channel.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

Molecular Weight: 29.0 kDa (261aa) , confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMAEEQPQVELFVKAGSDGAKIGNCPFSQRLFMVLWLKGVTFNVTTVDTKRRTET
VQKLCPPGGQLPFLLYGTEVHTDTNKIEEFLEAVLCPPRYPKLAALNPESNTAGLDIFAKFSAYIKNSNPALNDNLEKG
LLKALKVLDNYLTSPLPEEVDETSAEDEGVSRKFLDGNELTLADCNLLPKLHIVQVVCKKYRGFTIPEAFRGVHRYL
SNAYAREEFASCTPDDEEIELAYEQVAKALK

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.