

CLIC4, 1-253aa, Human, His tag, E.coli

Cat.NO.: TP01646

3th Edition

Synonyms: Chloride intracellular channel protein 4, CLIC4L, DKFZp566G223, FLJ38640, H1, huH1, MTCLIC, p64H1

Description: CLIC4 (chloride intracellular channel 4), also known as H1, CLIC4L or MTCLIC, is a 253 amino acid single-pass membrane protein that localizes to both the nucleus and the cytoplasm and contains one GST Cterminal domain. CLIC4 functions as a monomer that is able to form selective ion channels in target proteins, thereby facilitating the transport of chloride and other ions.

Form: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl, 1mM DTT, 10% glycerol

Molecular Weight: 30.9 kDa (273aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMILWLKGVVFSVTT
VDLKRKPADLQNLAPGTHPPFITFNSEVKTDVKNIEEFLEEVLCPKYLKLSPKHPESNTAGMDIFAKFSAYIKNSRP
EANEALERGLLKTQLDEYLN SPLPDEIDENSMEDIKFSTRKFLDGNEMTLADCNLLPKLHIVKVVAKKYRNFDPK
EMTGIWRYLTNAYS RDEFTNTCPSDKEVEIAYS DVAKRLTK

Purity: > 95% by HPLC

Concentration: 0.5 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.