

32-8040: Recombinant Human Chloride Intracellular Channel Protein 4/CLIC4 (N-6His)

Gene : CLIC4
Gene ID : 25932
Uniprot ID : Q9Y696

Description

Source: E.coli.
MW :30.9kD.

Recombinant Human CLIC4 is produced by our E.coli expression system and the target gene encoding Met1-Lys253 is expressed with a 6His tag at the N-terminus. Chloride Intracellular Channel Protein 4 (CLIC4) is a 253 amino acid single-pass membrane protein that localizes to both the nucleus and the cytoplasm and contains one GST C-terminal domain. CLIC4 is expressed in various tissues and exhibits an intracellular vesicular pattern in Panc-1 cells (pancreatic cancer cells). CLIC4 acts as a monomer which is able to form selective ion channels in target proteins, thus facilitating the transport of chloride and other ions. CLIC4 is believed to have a role in apoptosis and is able to translocate to the nucleus under stress conditions. CLIC4 has alternate cellular functions like a potential role in angiogenesis or in maintaining apical-basolateral membrane polarity during mitosis and cytokinesis.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 1mM DTT, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MGSSHHHHHHSSGLVPRGSHMALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFILWLKGVVFS
VTTVDLKRKPADLQNLAPGTHPPFITFNSEVKTDVKNIEEFLEEVLCPKYLKLSPKHPESNTAGMDIFAKFSAYIK
NSRPEANEALERGLLKTQLDEYLN SPLPDEIDENSMEDIKFSTRKFLDGNEMTLADCNLLPKLHIVKVVAKKY
RNFDIPKEMTGIWRYLTNAYS RDEFTNTCPSDKEVEIAYS DVAKRLTK

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.