

Product Name: Recombinant Human CLIC4 (N-6His)
Catalog #: PEH0418

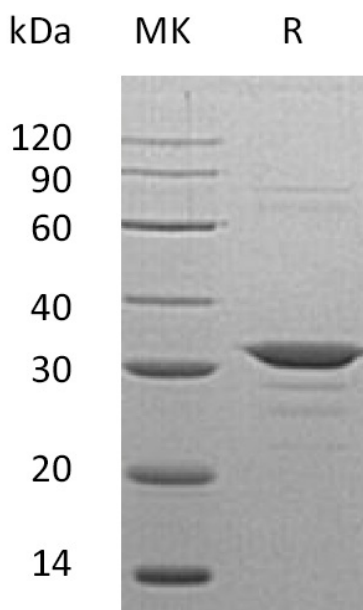


Summary

Name	CLIC4/Chloride intracellular channel protein 4
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Chloride Intracellular Channel Protein 4 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.
Accession #	Q9Y696
Host	E.coli
Species	Human
Predicted Molecular Mass	30.9 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Chloride Intracellular Channel Protein 4; Intracellular Chloride Ion Channel Protein p64H1; CLIC4

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.