

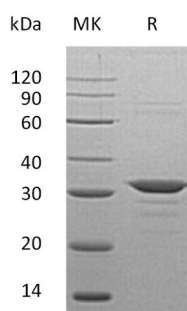
**Product Name: Recombinant Human CLIC4 (N-6His)**  
**Catalog #: PEH0418**



## Summary

<b>Name</b>	CLIC4/Chloride intracellular channel protein 4
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	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.
<b>Accession #</b>	Q9Y696
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	30.9 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, pH 8.0.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	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.
<b>Reconstitution</b>	

## SDS-PAGE image



## Background

<b>Alternative Names</b>	Chloride Intracellular Channel Protein 4; Intracellular Chloride Ion Channel Protein p64H1; CLIC4
<b>Background</b>	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

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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.