

## Recombinant Human CLIC4 Protein (His Tag)

**Catalog Number:** PKSH033334

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

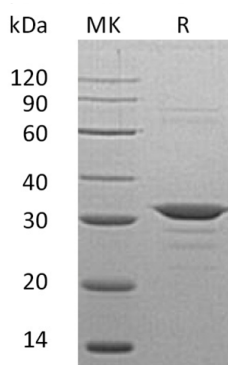
### Description

<b>Species</b>	Human
<b>Source</b>	E.coli-derived Human CLIC4 protein Met 1-Lys253, with an N-terminal His
<b>Calculated MW</b>	30.9 kDa
<b>Observed MW</b>	32 kDa
<b>Accession</b>	Q9Y696
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Concentration</b>	Subject to label value.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, pH 8.0.

### Data



> 95 % as determined by reducing SDS-PAGE.

### 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.

### For Research Use Only