

Product Name: Recombinant Human CLIC5 (N-6His)
Catalog #: PEH0419

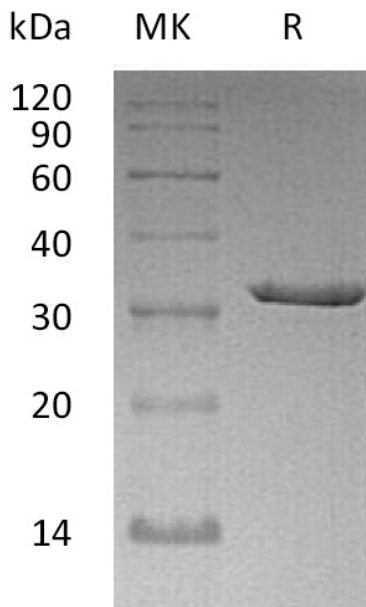


Summary

Name	CLIC5/Chloride intracellular channel protein 5
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 5 is produced by our E.coli expression system and the target gene encoding Met1-Ser251 is expressed with a 6His tag at the N-terminus.
Accession #	Q9NZA1-2
Host	E.coli
Species	Human
Predicted Molecular Mass	30.3 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 0.01% Tween80, 0.01% TritonX-100, pH8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

Chloride Intracellular Channel Protein 5; CLIC5

Background

Chloride Intracellular Channel Protein 5 (CLIC5) is a single-pass membrane protein which belongs to the chloride channel CLIC family. It contains one GST C-terminal domain. Chloride intracellular channels are involved in chloride ion transport within various subcellular compartments. CLIC5 can insert into membranes and form selective ion channels regulated by actin that may transport chloride ions. It may play a role in the regulation of transepithelial ion absorption and secretion. CLIC5 specifically associates with the cytoskeleton of placenta microvilli. CLIC5 is required for the development and/or maintenance of the proper glomerular endothelial cell and podocyte architecture.

Note

For Research Use Only , Not for Diagnostic Use.