Product Name: Recombinant Human CLIC2 (N-6His)
Catalog #: PEH0416

Summary

Name	CLIC2/XAP121
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 2 is produced by our E.coli expression system and the target gene encoding Met1-Ser247 is expressed with a 6His tag at the N-terminus.
Accession #	O15247
Host	E.coli
Species	Human
Predicted Molecular Mass	30.5 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, 20% Glycerol, 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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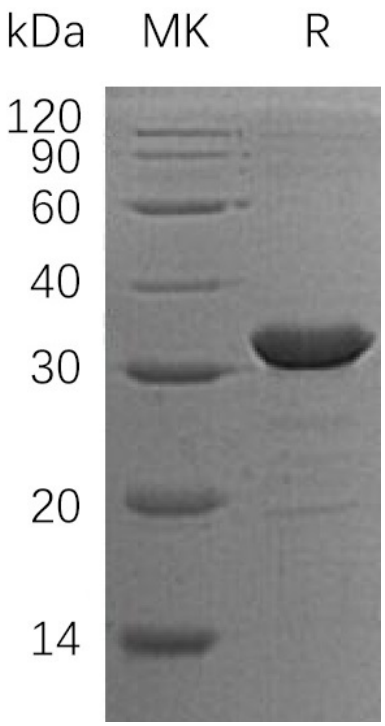

Alternative Names

Chloride Intracellular Channel Protein 2; XAP121; CLIC2

Background

Chloride Intracellular Channel Protein 2 (CLIC2) is a critical component of all living cells; it regulatescellular traffic of Chloride ion and it can be inserted into membranes anf form chloride ion channels. Membrane insertion seems to be redox-regulated and may occur only under oxydizing conditions, channel activity depends on the pH. CLIC2 is involved in regulating membrane potential and organic solute transport. CLIC2 modulates the activity of RYR2 and inhibits Calcium influx. CLIC2 can be detected in the adult brain, liver, lung, heart, stomach, spleen and testis. It is expressed in fetal liver and adult skeletal muscle. CLIC2 is a potential candidate for one of many diseases linked to Xq28.

Note

For Research Use Only , Not for Diagnostic Use.