

## CLIC3 Protein, Human, Recombinant (His)

### General Information

Synonyms:	CLIC3;Chloride intracellular channel protein 3
Protein Construction:	Met1-Arg236
Species:	Human
Expression Host:	E. coli
Accession:	O95833
Molecular Weight:	30 KDa (reducing condition)
AA Sequence:	Met1-Arg236

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 200 mM Sucrose, 0.05% Tween 80 (w/v), pH 8.5.

### Preparation and Storage

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

Proteins are shipped with blue ice.

### Protein Background

Chloride intracellular channel protein 3 (CLIC3) is encoded by the CLIC3 gene. CLIC3 is a single-pass membrane protein which belongs to the chloride channel CLIC family. It contains one GST C-terminal domain and one GST N-terminal domain. Chloride intracellular channel protein 3 high expressed in the placental, lung and heart, low expressed in skeletal muscle, kidney and pancreas. Chloride intracellular channel protein 3 can insert into membranes and forms chloride ion channels, may participate in cellular growth control.

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