

## Product datasheet

# Recombinant Human CLIC2 protein ab88002

### 概述

产品名称	重组人CLIC2蛋白
蛋白长度	Full length protein

### 描述

性质	Recombinant
来源	Saccharomyces cerevisiae

### 氨基酸序列

种属	Human
序列	MSGLRPGTQVDPEIELFVKAGSDGESIGNCPFCQRLFMILWLKGVKFNVT TVDMTRKP EELKDLAPGTNPPFLVYNKELKTDFIKIEEFLEQTLAPPR YPHLSPKYKESFDVGCNL FAKFSAYIKNTQKEANKNFEKSLLKEFKRL DDYLNTPLLDEIDPDSAEPPVSRRLFL DGDQLTLADCSLLPKLNIIK VAAKKYRDFDIPAEFSGVWRYLHNAYAREEFTHTCPED KEIENTYANV AKQKS

### 技术指标

Our [Abpromise guarantee](#) covers the use of **ab88002** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
纯度	> 90 % SDS-PAGE. ab88002 was purified by affinity chromatography.
形式	Liquid

### 制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM
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## 常规信息

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<b>功能</b>	Can insert into membranes and form chloride ion channels. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxidizing conditions. Modulates the activity of RYR2 and inhibits calcium influx.
<b>组织特异性</b>	Detected in adult brain, heart, liver, lung, spleen, stomach and testis. Expressed in fetal liver and adult skeletal muscle.
<b>序列相似性</b>	Belongs to the chloride channel CLIC family. Contains 1 GST C-terminal domain.
<b>结构域</b>	Members of this family may change from a globular, soluble state to a state where the N-terminal domain is inserted into the membrane and functions as chloride channel. A conformation change of the N-terminal domain is thought to expose hydrophobic surfaces that trigger membrane insertion.
<b>细胞定位</b>	Cytoplasm. Membrane. Exists both as soluble cytoplasmic protein and as membrane protein with probably a single transmembrane domain.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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