

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 EELKDLAPGTNPPFLVYNKELKTDFIKIEEFLEQLAPPR 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

功能	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.
组织特异性	Detected in adult brain, heart, liver, lung, spleen, stomach and testis. Expressed in fetal liver and adult skeletal muscle.
序列相似性	Belongs to the chloride channel CLIC family. Contains 1 GST C-terminal domain.
结构域	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.
细胞定位	Cytoplasm. Membrane. Exists both as soluble cytoplasmic protein and as membrane protein with probably a single transmembrane domain.

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