

Product datasheet

Recombinant Human CLIC2 protein ab106875

1 图像

描述

产品名称	重组人CLIC2蛋白
纯度	> 95 % SDS-PAGE. ab106875 was purified using conventional chromatography.
表达系统	Escherichia coli
Accession	<u>O15247</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<p>MGSSHHHHHSSGLVPRGSHMSGLRPGTQVDPEIELFVKA GSDGESIGNC PFCQQLFMILWLKGVKFNVTTVDMTRKPEELKDLAPGTNPPF LVYNKELK TDFIKIEEFLEQTLAPPRYPHLSPKYKESFDVGCNLFKFS YIKNTQKE ANKNFEKSLLKEFKRLDDYLNTPLLDEIDPDSAEPPVSRRL FLDGDQLT LADCSLLPKLNIIKVAACKYRDFDIPAEFSGVWRYLHNAYAR EEFTHTCP EDKEIENTYANVAKQKS</p>
预测分子量	31 kDa including tags
氨基酸	1 to 247
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab106875** 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
	Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid

制备和贮存

稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

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.

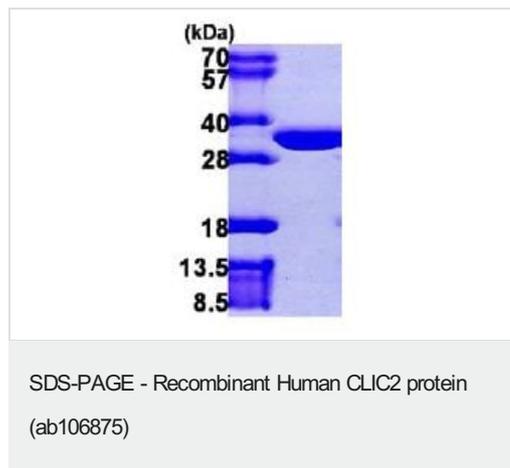
结构域

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.

图片



15% SDS-PAGE analysis of 3 µg ab106875.

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