

Recombinant Human Calcium binding protein P22 ab99141

1 图像

描述	
产品名称	重组人Calcium binding蛋白P22
纯度	> 95 % SDS-PAGE. ab99141 was purified by using conventional chromatography.
表达系统	Escherichia coli
Accession	<u>Q99653</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMMGSRASTLLRDEEELEIKK ETGFSHSQIT RLYSRFTSLDKGENTLSREDFQRIPELAINPLGDRIINAF PEGEDQVN FRGFMRTLAFRPIEDNEKSKDVNGPEPLNSRSNKLHFARL YDLKDDEK ISRDELLQVLRMMVGVNISDEQLGSIADRTIQEADQDGDSAI SFTEFVKV LEKVDVEQKMSIRFLH
预测分子量	25 kDa including tags
氨基酸	1 to 195
标签	His tag N-Terminus
描述	重组人Calcium binding蛋白P22

技术指标	
Our Abpromise guarantee covers the use of ab99141 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: 7.50

Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

常规信息

功能

Required for constitutive membrane traffic. Inhibits GTPase-stimulated Na(+)/H(+) exchange. Also inhibits calcineurin phosphatase activity. Required for activity of SLC9A1/NHE1.

组织特异性

Ubiquitously expressed. Has been found in fetal eye, lung, liver, muscle, heart, kidney, thymus and spleen.

序列相似性

Contains 4 EF-hand domains.

翻译后修饰

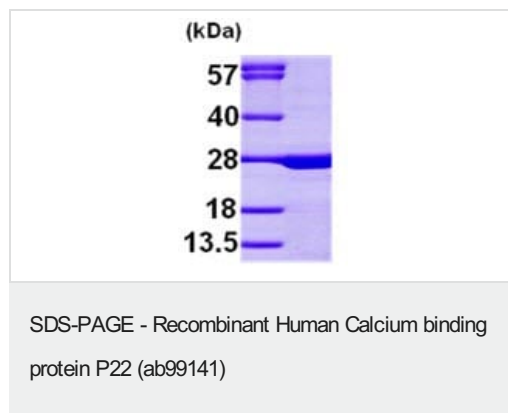
Both N-myristoylation and calcium-mediated conformational changes are essential for its function in exocytic traffic.

Phosphorylated; decreased phosphorylation is associated with an increase in exchange activity. The phosphorylation state may regulate the binding to NHE1.

细胞定位

Cytoplasm.

图片



15% SDS-PAGE analysis of 3µg ab99141.

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