

# Recombinant Human ASIC3 protein ab126012

## 描述

产品名称	重组人ASIC3蛋白
纯度	> 90 % SDS-PAGE. Purified via His tag
表达系统	Escherichia coli
Accession	<b>P78348</b>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	25 kDa
氨基酸	83 to 301

## 技术指标

Our **Abpromise guarantee** covers the use of **ab126012** 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
形式	Lyophilized

## 制备和贮存

稳定性和存储	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
复溶	Reconstitute with water to desired concentration.

## 常规信息

功能	Cation channel with high affinity for sodium, which is gated by extracellular protons and inhibited by the diuretic amiloride. Generates a biphasic current with a fast inactivating and a slow sustained phase. In sensory neurons is proposed to mediate the pain induced by acidosis that occurs in ischemic, damaged or inflamed tissue. May be involved in hyperalgesia. May play a role
----	---

	in mechanoreception. Heteromeric channel assembly seems to modulate channel properties.
<b>组织特异性</b>	Expressed by sensory neurons. Strongly expressed in brain, spinal chord, lung, lymph nodes, kidney, pituitary, heart and testis.
<b>序列相似性</b>	Belongs to the amiloride-sensitive sodium channel (TC 1.A.6) family. ACCN3 subfamily.
<b>发展阶段</b>	Expressed in fetal tissues, expression increases in lung and kidney adult tissues.
<b>结构域</b>	The PDZ domain-binding motif is involved in interaction with LIN7A, GOPC and MAGI1.
<b>翻译后修饰</b>	Phosphorylated by PKA. Phosphorylated by PKC. In vitro, PRKCABP/PICK-1 is necessary for PKC phosphorylation and activation of a ACCN3/ASIC3-ACCN1/ASIC2b channel, but does not activate a homomeric ACCN3 channel.
<b>细胞定位</b>	Cell membrane. Cytoplasm. Cell surface expression may be stabilized by interaction with LIN7B and cytoplasmic retention by interaction with DLG4. In part cytoplasmic in cochlea cells.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

### Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors