

Recombinant Human ASIC3 protein ab126012

製品の詳細

製品名	Recombinant Human ASIC3 protein
精製度	> 90 % SDS-PAGE. Purified via His tag
発現系	Escherichia coli
アクセッション番号	P78348
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
予測される分子量	25 kDa
領域	83 to 301

特性

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.

アプリケーション	SDS-PAGE
製品の状態	Lyophilized

前処理および保存

保存方法および安定性	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
再構成	Reconstitute with water to desired concentration.

関連情報

機能	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
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	in mechanoreception. Heteromeric channel assembly seems to modulate channel properties.
組織特異性	Expressed by sensory neurons. Strongly expressed in brain, spinal chord, lung, lymph nodes, kidney, pituitary, heart and testis.
配列類似性	Belongs to the amiloride-sensitive sodium channel (TC 1.A.6) family. ACCN3 subfamily.
発生段階	Expressed in fetal tissues, expression increases in lung and kidney adult tissues.
ドメイン	The PDZ domain-binding motif is involved in interaction with LIN7A, GOPC and MAGI1.
翻訳後修飾	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.
細胞内局在	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.

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