

# Recombinant Human AKAP13/p47 protein ab127097

## 製品の詳細

製品名	Recombinant Human AKAP13/p47 protein
精製度	> 95 % SDS-PAGE. Purified via His tag
発現系	Escherichia coli
アクセッション番号	<b><u>Q12802</u></b>
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	18 kDa
領域	2 to 161
タグ	His-DHFR tag N-Terminus

## 特性

Our **Abpromise guarantee** covers the use of **ab127097** 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
備考	This product was previously labelled as AKAP13

## 前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
再構成	Reconstitute with water to desired concentration.

## 関連情報

<b>機能</b>	Anchors cAMP-dependent protein kinase (PKA) and acts as an adapter protein to selectively couple G alpha-13 and Rho. Augments gene activation by the estrogen receptor in an element-specific and ligand-dependent manner. Activates estrogen receptor beta by a p38 MAPK-dependent pathway. Isoform 6 stimulates exchange activity on Rho proteins in vitro, but not on CDC42, Ras or Rac and may bind calcium ions.
<b>組織特異性</b>	Isoform 3 and isoform 6 are found in hematopoietic cells, skeletal muscle, lung, heart, estrogen-responsive reproductive tissues, including breast ductal epithelium. Also found in testis and breast cancer cell lines. Isoform 6 is not found in brain, placenta, liver, pancreas or kidney. Isoform 7 is expressed in myeloid and lymphoid lineages, a variety of epithelial tissues and skeletal muscle. Isoform 2 is predominantly found in the heart and at lower levels in the lung, placenta, kidney, pancreas, skeletal muscle and liver.
<b>配列類似性</b>	Contains 1 DH (DBL-homology) domain. Contains 1 PH domain. Contains 1 phorbol-ester/DAG-type zinc finger.
<b>ドメイン</b>	Both the DH and PH domains are required for transforming activity.
<b>細胞内局在</b>	Cytoplasm; Cytoplasm. Nucleus and Membrane.

**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

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