

Product datasheet

Recombinant Human RGS16 protein ab116421

製品の概要

製品名	Recombinant Human RGS16 protein
タンパク質長	Full length protein

製品の詳細

由来	Recombinant
由来	Escherichia coli

アミノ酸配列

アクセッション番号 [O15492](#)

生物種 Human

配列
 MGSSHHHHHH SGLVPRGSH MCRTLAAFPT
 TCLERAKEFK TRLGIFLHKS ELGCDTGSTG
 KFEWGSKHKS ENRNFSEDVL GWRESFDLLL
 SSKNGVAAFH AFLKTEFSEE NLEFWLACEE
 FKKIRSATKL ASRAHQIFEE FICSEAPKEV
 NIDHETRELT RMNLQTATAT CFDAAQGKTR
 TLMEKDSYPR FLKSPAYRDL AAQASAASAT
 LSSCSLDEPS HT

分子量 25 kDa including tags

領域 1 to 202

タグ His tag N-Terminus

特性

Our [Abpromise guarantee](#) covers the use of **ab116421** 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
精製度	> 90 % SDS-PAGE. Purified by proprietary chromatographic techniques.
製品の状態	Liquid
備考	ab116421 although stable at 4°C for 30 days, should be stored desiccated below -20°C for periods greater than 30 days. Please avoid freeze-thaw cycles.

前処理および保存

保存方法および安定性

Shipped at 4°C. Please see notes section.

pH: 8.00

Constituents: 0.32% Tris-HCl buffer, 0.58% Sodium chloride, 20% Glycerol

関連情報

機能

Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha. May play a role in regulating the kinetics of signaling in the phototransduction cascade.

組織特異性

Abundantly expressed in retina with lower levels of expression in most other tissues.

配列類似性

Contains 1 RGS domain.

翻訳後修飾

Palmitoylated on Cys-2 and/or Cys-12.

Phosphorylation on Tyr-168 upon EGFR stimulation. Enhanced GTPase accelerating (GAP) activity on G(i)-alpha.

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