

## Product datasheet

# Recombinant human ADBR2 + Gia3 fusion protein ab90750

### 概述

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产品名称	重组人ADBR2 + Gia3 fusion蛋白
蛋白长度	Full length protein
描述	重组人ADBR2 + Gia3 fusion蛋白

### 描述

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性质	Recombinant
来源	Baculovirus infected Sf9 cells
氨基酸序列	
种属	Human
分子量	90 kDa
额外的序列信息	Tagged at the N terminus of the ADBR2 with a DDDDK tag. The C terminus of the ADBR2 is linked to the N terminus of the Gi alpha 3 with a His tag.

### 技术指标

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Our [Abpromise guarantee](#) covers the use of **ab90750** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

生物活性	Activity: 7.6 pmol/mg.
应用	Functional Studies
形式	Liquid

### 制备和贮存

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稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 75mM Tris HCl, 12.5mM Magnesium chloride, 1mM EDTA, pH 7.4 This product is an active protein and may elicit a biological response in vivo, handle with caution.
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### 常规信息

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## 相关性

ADBR2 is a member of the G protein-coupled receptor superfamily. It is activated by the catecholamine epinephrine and couples to the G protein Gs to mediate adenylate cyclase activation. The beta-2-adrenergic receptor binds epinephrine with an approximately 30-fold greater affinity than it does norepinephrine. Gia3 (GNAI3) is the alpha subunit of inhibitory trimeric G protein (Gi), which inhibits adenylate cyclase once its G protein coupled receptors (GPCR) such as a2 adrenergic receptors are activated. GNAI3 can be inactivated by pertussis toxin. Guanine nucleotide binding proteins are involved as modulators or transducers in various transmembrane signaling systems. Gia3 is the stimulatory G protein of receptor-regulated K<sup>+</sup> channels.

## 细胞定位

ADBR2: Cell Membrane

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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

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- 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 <http://www.abcam.cn/abpromise> or contact our technical team.

## Terms and conditions

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