

## Product datasheet

# Recombinant human ADRB2 + GsaL-Leu227 fusion protein ab90834

### 描述

---

产品名称	重组人ADRB2 + GsaL-Leu227 fusion蛋白
生物活性	Activity: 7 pmol/mg.
表达系统	Baculovirus infected Sf9 cells
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	104 kDa
额外的序列信息	Tagged at the N terminus of the ADRB2 with a DDDDK tag. The C terminus of the ADRB2 is linked to the N terminus of the Gs alpha L with a His tag.
描述	重组人ADRB2 + GsaL-Leu227 fusion蛋白

### 技术指标

---

Our **Abpromise guarantee** covers the use of **ab90834** in the following tested applications.

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

应用	Functional Studies
形式	Liquid
补充说明	The exchange of Gln <sup>227</sup> to Leu <sup>227</sup> (Q/L mutation) in the catalytic site abolishes the intrinsic GTPase activity and increases the GDP-affinity of GSalph, resulting in a constitutively active G-protein.

### 制备和贮存

---

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.40 Constituents: 0.11875% Magnesium chloride, 1.185% Tris HCl, 0.0292% EDTA This product is an active protein and may elicit a biological response in vivo, handle with caution.
--------	---

## 常规信息

---

**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 adenylyl cyclase activation. The beta-2-adrenergic receptor binds epinephrine with an approximately 30-fold greater affinity than it does norepinephrine. Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The Gs protein is involved in hormonal regulation of adenylyl cyclase: it activates the cyclase in response to beta-adrenergic stimuli.

**细胞定位** ADBR2: Cell 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

---

- 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