

# Recombinant Human Constitutive androstane receptor protein ab83193

### 描述

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产品名称	重组人Constitutive androstane receptor蛋白
生物活性	1 unit equals 1 nanogram of purified protein.
纯度	> 90 % Affinity purified. Recombinant ab83193 was expressed in a E.coli system and purified by an affinity column in combination with FPLC chromatography. The purified recombinant protein is greater than 90% homogeneous and contains no detectable protease, DNase and RNase activity.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human

### 技术指标

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Our **Abpromise guarantee** covers the use of **ab83193** 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	1 unit equals 1 nanogram of purified protein.

### 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. pH: 7.9 Constituents: 0.75% Potassium chloride, 0.0154% DTT, 0.316% Tris HCl, 0.00584% EDTA, 20% Glycerol (glycerin, glycerine)
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### 常规信息

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功能	Binds and transactivates the retinoic acid response elements that control expression of the
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retinoic acid receptor beta 2 and alcohol dehydrogenase 3 genes. Transactivates both the phenobarbital responsive element module of the human CYP2B6 gene and the CYP3A4 xenobiotic response element.

**组织特异性**

Predominantly expressed in liver.

**序列相似性**

Belongs to the nuclear hormone receptor family. NR1 subfamily.

Contains 1 nuclear receptor DNA-binding domain.

**结构域**

Composed by a short N-terminal domain followed by the DNA binding, hinge, and ligand binding/dimerization domains.

**翻译后修饰**

Phosphorylated at Thr-38 by PKC, dephosphorylation of Thr-38 is required for nuclear translocation and activation.

**细胞定位**

Nucleus. Cytoplasm. Cytoplasm > cytoskeleton. Recruited to the cytoplasm by DNAJC7.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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