abcam

Product datasheet

Recombinant Human Retinoic Acid Receptor beta protein ab82202

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描述

产品名称 重组人Retinoic Acid Receptor beta蛋白

纯**度** > 95 % SDS-PAGE.

Purified by affinity and FPLC chromatography.

表达系统 Baculovirus infected insect cells

蛋白长度 Full length protein

无动物成分 No

性质 Recombinant

种属 Human

技术指标

Our Abpromise guarantee covers the use of ab82202 in the following tested applications.

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

应用 SDS-PAGE

形式 Liquid

制备和贮存

稳**定性和存储** Shipped on dry ice. Upon delivery aliquot and store at -80℃. 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)

常规信息

功能 Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response

elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene

expression in various biological processes. The RXR/RAR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. In the

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absence or presence of hormone ligand, acts mainly as an activator of gene expression due to weak binding to corepressors. In concert with RARG, required for skeletal growth, matrix

homeostasis and growth plate function.

疾病相关 Microphthalmia, syndromic, 12

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 of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-

terminal ligand-binding domain.

细胞定位 Cytoplasm and Nucleus.

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