Recombinant Human Activin A

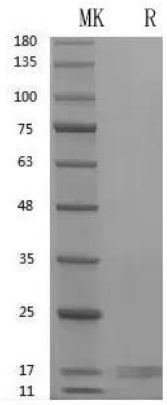
Catalog#:PCH2500

概述（Summary）

别称（Alternative Names）	Activin beta-A chain;Erythroid differentiation protein ;EDF
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	≤10 EU/mg
蛋白构建（Construction）	【Gly311-Ser426】
Accession #	P08476
表达宿主（Host）	CHO
种属（Species）	Human
预测分子量（Predicted MW）	12.9 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 0.085% TFA,30% ACN,5% mannitol,pH 2.5
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
背景介绍（References）	Activin and inhibin are two closely related protein complexes that have almost directly opposite biological effects. Activins, members of the TGF-beta superfamily, are disulfide-linked dimeric proteins originally purified from gonadal fluids as proteins that stimulated pituitary follicle stimulating hormone (FSH) release. Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid

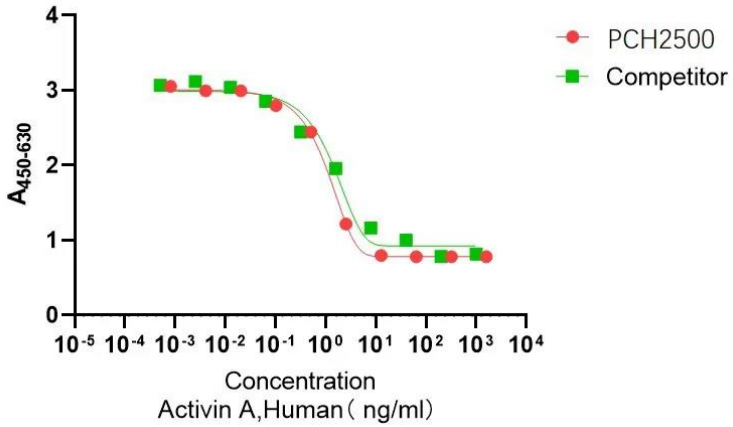
differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Activins are homodimers or heterodimers of the various beta subunit isoforms, while inhibins are heterodimers of a unique alpha subunit and one of the various beta subunits.

电泳图（SDS-PAGE image）



Greater than 95% as determined by reducing SDS-PAGE

活性图（Bioactivity image）



Determined by its ability to inhibit the proliferation of mouse MPC-11 cells. The expected ED50 is ≤ 2.0 ng/ml, corresponding to a specific bioactivity of ≥ 5 x 105 units/mg

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.