

## Acrp30 Human

*Adiponectin Human*  
CYK0628

### Product Overview

Name Acrp30 Human

#### Description

Adiponectin Human

Accession (Primary) [Q15848](#)

#### Synonyms

Inhba, Inhibin beta A, FSH releasing protein.

#### Introduction

Activins are homodimers or heterodimers of the different  $\alpha$  subunit isoforms, part of the TGF $\beta$  family. Mature Activin A has two 116 amino acids residues  $\alpha$ A subunits ( $\alpha$ A- $\alpha$ A). Activin displays an extensive variety of biological activities, including mesoderm induction, neural cell differentiation, bone remodelling, haematopoiesis, and reproductive physiology. Activins takes part in the production and regulation of hormones such as FSH, LH, GnRH and ACTH. Cells that are identified to express Activin A include fibroblasts, endothelial cells, hepatocytes, vascular smooth muscle cells, macrophages, keratinocytes, osteoclasts, bone marrow monocytes, prostatic epithelium, neurons, chondrocytes, osteoblasts, Leydig cells, Sertoli cells, and ovarian granulosa cells.

#### Source

HEK.

#### Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

#### Formulation

The Activin-A was lyophilized from 1mg/ml in 1xPBS.

#### Stability

Lyophilized Activin-A although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Activin-A should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

#### Purity

Greater than 95% as observed by SDS-PAGE.

#### Biological Activity

The specific activity was determined by the dose-dependent inhibition of proliferation of the MPC-11 cell line (mouse

plasmocytoma cell line) and is typically 0.5-5ng/ml.

#### **Solubility**

It is recommended to reconstitute the lyophilized Activin-A in sterile water not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

#### **Precautions**

Acrp30 Human is for research use only and not for use in diagnostic or therapeutic procedures.

**Target Information: ( [Q15848](#) )**