

# Actin Rabbit

*Actin Rabbit*  
RCP0009

## Product Overview

Name Actin Rabbit

### Description

Actin Rabbit

### Synonyms

Activin Beta-A chain, Erythroid differentiation protein, EDF, FRP, Activin-A, Inhibin-B, Inhibin-Beta A chain.

### Introduction

Inhibins are dimeric peptide hormones produced by female ovarian granulosa cells and male Sertoli cells as well as a variety of other tissues. Inhibins have two isoforms, A and B, with the same alpha subunit but different beta subunits. Inhibin A is a dimer of alpha and beta A subunits, inhibin B is a dimer of alpha and beta B subunits. Inhibins are thought to inhibit the production of follicle-stimulating hormone (FSH) by the pituitary gland. In addition, Inhibins are also thought to play a role in the control of gametogenesis, and embryonic and fetal development.

### Source

Escherichia Coli.

### Physical Appearance

Sterile Filtered clear solution.

### Formulation

Activin-A protein solution (1mg/ml) contains 20mM Tris pH 8.0 and 10% glycerol.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Purity

Greater than 90.0% as determined by SDS-PAGE.

### Amino acid sequence

MGSSHHHHHH SSGLVPRGSH M GLECDGKVN ICCKKQFFVS FKDIGWNDWI IAPSGYHANY CEGECPSHIA  
GTSGSSLSFH STVINHYRMR GHSPFANLKS CCVPTKL RPM SMLYYDDGQN IIKKDIQNMI VEECGCS.

### Precautions

Actin Rabbit is for research use only and not for use in diagnostic or therapeutic procedures.

