

PRODUCT INFORMATION

ACVR2A **Target**

Synonyms ACVR2; ACTRII

Recombinant human ACVR2A(68-88) Protein with Description

C-terminal mouse Fc tag

Delivery In Stock **Uniprot ID** P27037 **Expression Host HEK293**

Tag C-Mouse Fc tag

Molecular

Molecular Weight

Reconstitution

Background

Purity

ACVR2A(Ser68-Arg88) mFc(Pro99-Lys330) Characterization

The protein has a predicted molecular mass of

28.7 kDa after removal of the signal peptide. The apparent molecular mass of ACVR2A(68-88)-mFc is approximately 25-35 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation &

8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a receptor that mediates the functions of activins, which are members of the transforming growth factor-beta (TGF-beta) superfamily involved in diverse biological processes. The encoded protein is a transmembrane serine-threonine kinase receptor

which mediates signaling by forming

heterodimeric complexes with various combinations of type I and type II receptors and ligands in a cell-specific manner. The encoded

type II receptor is primarily involved in ligand-binding and includes an extracellular ligandbinding domain, a transmembrane domain and a cytoplasmic serine-threonine kinase domain. This gene may be associated with susceptibility to preeclampsia, a pregnancy-related disease which can result in maternal and fetal morbidity and

> Email: info@dimabio.com Website: www.dimabio.com

mortality. Alternative splicing results in multiple transcript variants of this gene. [provided by

RefSeq, Jun 2013]

Usage Research use only Conjugate Unconjugated

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China)

/+86-400-006-0995(China)





Figure 1. Human ACVR2A(68-88) Protein, mFc Tag on SDS-PAGE under reducing condition.



