

## **PRODUCT INFORMATION**

ACVR2A **Target** 

**Synonyms** ACVR2; ACTRII

Recombinant human ACVR2A Protein with C-Description

terminal mouse Fc tag

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

Tag C-Mouse Fc tag

Molecular

Storage & Shipping

**Background** 

ACVR2A(Ala20-Pro135) mFc(Pro99-Lys330) Characterization

The protein has a predicted molecular mass of

39.6 kDa after removal of the signal peptide. The apparent molecular mass of ACVR2A-mFc is **Molecular Weight** approximately 55-70 kDa due to glycosylation.

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

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

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

Email: info@dimabio.com

Website: www.dimabio.com

RefSeq, Jun 2013]

Usage Research use only Conjugate Unconjugated

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

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