RPA001Hu01 5µg

Recombinant Activin A (ACVA)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)
[ PROPERTIES ]

Source: Prokaryotic expression.
Host: *E. coli*
Residues: Pro44~Gln178
Tags: N-terminal His-Tag
Subcellular Location: Secreted.
Purity: >90%
Traits: Freeze-dried powder
Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Original Concentration: 200μg/mL
Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
(May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point: 9.3
Predicted Molecular Mass: 19.0kDa
Accurate Molecular Mass: 22kDa as determined by SDS-PAGE reducing conditions.

[ USAGE ]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[ STORAGE AND STABILITY ]

Storage: Avoid repeated freeze/thaw cycles.
  Store at 2-8°C for one month.
  Aliquot and store at -80°C for 12 months.
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
[ SEQUENCE ]

PKDVPNPS
QPEMVEAVKK HILNMLHLKK RPDVTQPVPK AALLNAIRKL HVGKVGENGY VEIEDDIGRR AEMNELMEQT SEIIITFAESG TARKTLHFEI SKEGSDLSSV EREAWEWFLKL VPKANRTRTK VTIRLFQQ

[ IDENTIFICATION ]

Figure 1. SDS-PAGE