SunLong Biotech Co.,LTD
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Recombinant Activin A Receptor Type I C (ACVR1C)

Catalog Number: SIPC074Hu01 **Spec: 100ug**

Product Name	Recombinant Activin A Receptor Type I C (ACVR1C)
Catalog Number	SIPC074Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Glu21~Ala493
Tags	N-terminal His Tag
Subcellular Location	Membrane
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	8.0
Predicted Molecular Mass	56.5kDa
Accurate Molecular Mass	57kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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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]

ELSPGLKCVC LLCDSSNFTC QTEGACWASV
MLTNGKEQVI KSCVSLPELN AQVFCHSSNN VTKTECCFTD FCNNITLHLP
TASPNAPKLG PMELAIIITV PVCLLSIAAM LTVWACQGRQ CSYRKKKRPN
VEEPLSECNL VNAGKTLKDL IYDVTASGSG SGLPLLVQRT IARTIVLQEI
VGKGRFGEVW HGRWCGEDVA VKIFSSRDER SWFREAEIYQ TVMLRHENIL
GFIAADNKDN GTWTQLWLVS EYHEQGSLYD YLNRNIVTVA GMIKLALSIA
SGLAHLHMEI VGTQGKPAIA HRDIKSKNIL VKKCETCAIA DLGLAVKHDS
ILNTIDIPQN PKVGTKRYMA PEMLDDTMNV NIFESFKRAD IYSVGLVYWE
IARRCSVGGI VEEYQLPYYD MVPSDPSIEE MRKVVCDQKF RPSIPNQWQS
CEALRVMGRI MRECWYANGA ARLTALRIKK TISQLCVKED CKA

[IDENTIFICATION]

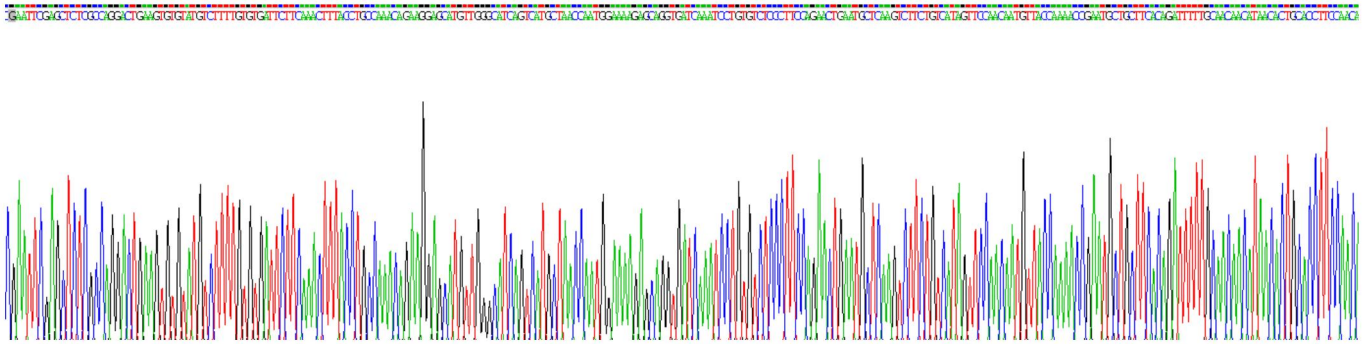
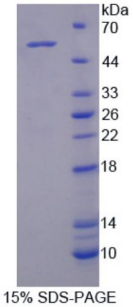


Figure . Gene Sequencing (extract)



15% SDS-PAGE

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[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.