

Recombinant Activin A Receptor Type I C (ACVR1C) Instruction Manual

SIPC074Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	56.5kDa
Accurate Molecular Mass	57kDa(Analysis of differences refer to the manual)
Residues & Tags	Glu21~Ala493 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	8.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                ELSPLGKVC  LLCSSNFTC  QTEGACWASV
MLTNGKEQVI  KSCVSLPELN  AQVFCHSSNN  VTKTECCFTD  FCNNITLHLP
TASPNAPKLG  PMELAIITV  PVCLLSIAAM  LTVWACQGRQ  CSYRKKKRPN
VEEPLSECNL  VNAGKTLKDL  IYDVTASGSG  SGLPLLQRT  IARTIVLQEI
VGKGRFGEVW  HGRWCGEDVA  VKIFSSRDER  SWFREAEIYQ  TVMLRHENIL
GFIAADNKDN  GTWTQLWLV  EYHEQGSLYD  YLNRNIVTVA  GMIKLALSIA
SGLAHLHMEI  VGTQGKPAIA  HRDIKSKNIL  VKKCETCAIA  DLGLAVKHDS
ILNTIDIPQN  PKVGTKRYMA  PEMLDDTMNV  NIFESFKRAD  IYSVGLVYWE
IARRCSVGGI  VEEYQLPYD  MVPSDPSIEE  MRKVVDQKF  RPSIPNQWQS
CEALRVMGRI  MRECWYANGA  ARLTALRIKK  TISQLCVKED  CKA
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USAGE

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

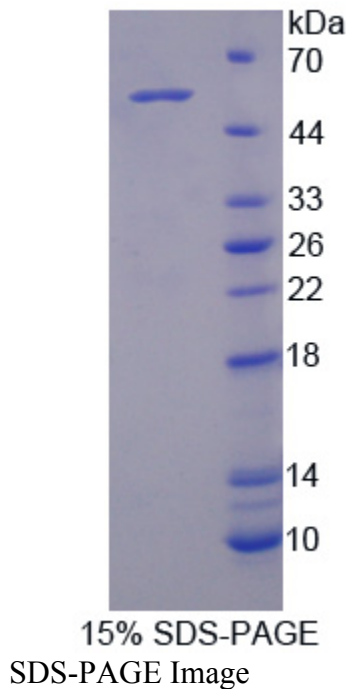
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



[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.