

Activin A Recombinant Protein | ACVA recombinant protein

Recombinant Activin A (ACVA)

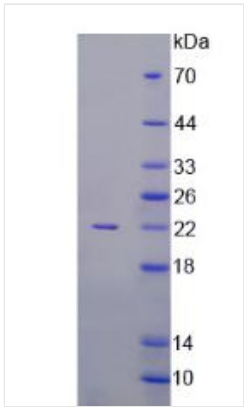
CATALOG # AAA143936	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Activin A; Recombinant Activin A (ACVA); ACVA recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. The sequence is listed below. PKDVPNSQ PEMVEAVKKH ILNMLHLKKR PDVTQVPKA ALLNAIRKLH VGKVGNGYV EIEDDIGRRA EMNELMEQTS EIITFAESGT ARKTLHFEIS KEGSDLSVVE RAEVWLFLKV PKANRTRTKV TIRLFQQ
Sequence Length	946
Applicable Applications for ACVA recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	19.0kDa
Accurate Molecular Mass (KD)	22kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and S-tag
Organism Species	Homo sapiens (Human)
Fragment	Pro44~Gln178
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

PKDVPNS
QPEMVEAVKK HILNMLHLKK RPDVTQPVPK AALLNAIRKL HVGKVGNGY
VEIEDDIGRR AEMNELMEQT SEITFAESG TARKTLHFEI SKEGSDLSVV
ERAEVWFLK VPKANRTRTK VTIRLFQQ

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	24638797
NCBI GeneID	43826
NCBI Accession #	NP_651942.2
NCBI GenBank Nucleotide #	NM_143685.3
Molecular Weight	108,792 Da
NCBI Official Full Name	Activin-beta
NCBI Official Synonym Full Names	Activin-beta
NCBI Official Symbol	Actbeta
NCBI Official Synonym Symbols	Act; actbeta; Activin; activin-beta; anon-WO02059370.79; beta-Activin; CG11062; dact; dAct; dACT; DmelCG11062
NCBI Protein Information	CG11062 gene product from transcript CG11062-RA
UniProt Protein Name	Inhibin beta chain
UniProt Gene Name	Actbeta
UniProt Synonym Gene Names	activin-beta; dAct; dActivin
UniProt Entry Name	INHB_DROME

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.