

Activin A Receptor Type I B (ACVR1B) Recombinant Protein | ACVR1B recombinant protein

Recombinant Activin A Receptor Type I B (ACVR1B)

CATALOG # AAA134047	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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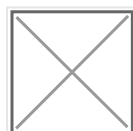
PRODUCT SYNONYMS

Activin A Receptor Type I B (ACVR1B); Recombinant Activin A Receptor Type I B (ACVR1B); ACVR1B recombinant protein

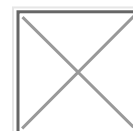
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His -Tag, its sequence is listed below. MGHHHH HHSSEF-SG PRGVQALLCA CTCLQANYT CETDGACMVS IFNLGMEHH VRTCIPKVEL VPAGKPFYCL SSEDLRNTHC CYTDYCNRID LRVPSGHLKE PEHPSMWGPV E
Sequence Length	505
Applicable Applications for ACVR1B recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Ser24~Glu126 (Accession # P36896) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757720
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NCBI GeneID	91
NCBI Accession #	NP_004293.1
NCBI GenBank Nucleotide #	NM_004302.4
UniProt Accession #	P36896; Q15479; Q15480; Q15481; Q15482; B7Z5L8; B7Z5W5
Molecular Weight	12.9kDa
NCBI Official Full Name	activin receptor type-1B isoform a
NCBI Official Synonym Full Names	activin A receptor, type IB
NCBI Official Symbol	ACVR1B
NCBI Official Synonym Symbols	ALK4; SKR2; ACTRIB; ACVRLK4
NCBI Protein Information	activin receptor type-1B; activin receptor-like kinase 4; activin A receptor, type II-like kinase 4; serine/threonine-protein kinase receptor R2
UniProt Protein Name	Activin receptor type-1B
UniProt Gene Name	ACVR1B
UniProt Synonym Gene Names	ACVRLK4; ALK4; ACTR-IB; ALK-4; SKR2
UniProt Entry Name	ACV1B_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/acvr1b-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134047>