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Datasheet for ABIN4370894

Activin A Receptor Type IB/ALK-4 Protein (AA 24-126) (His tag)

Overview

Quantity:	50 µg
Target:	Activin A Receptor Type IB/ALK-4 (ACVR1B)
Protein Characteristics:	AA 24-126
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Activin A Receptor Type IB/ALK-4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Activin Receptor 1B/Activin RIB/ALK-4/ACVR1B (C-6His)
Sequence:	SGPRGVQALL CACTSCLQAN YTCETDGACM VSIFNLDGME HHVRTCIPKV ELVPAGKPFY CLSSDLRNT HCCYTDYCNR IDLRVPSGHL KEPEHPSMWG PVEVDHHHHH H
Characteristics:	Recombinant Human Activin Receptor 1B/Activin RIB/ALK-4/ACVR1B (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	Activin A Receptor Type IB/ALK-4 (ACVR1B)
Alternative Name:	Activin Receptor 1B (ACVR1B Products)

Target Details

Molecular Weight: 12.46 kDa

UniProt: [P36896](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL.
Dissolve the lyophilized protein in ddH₂O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.
Aliquots of reconstituted samples are stable at < -20°C for 3 months.