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Human Activin Receptor Type IIB (ACTR-IIB) Extracellular Domain/Fc fusion, Recombinant

Product Information

Code	00126-02-50
Name	ACTR-IIB (H) rec.
Lot No.	
Size	50 µg
Species	Human
Sequence	ECD
Protein ID	Q13705
Gene ID	93
MW	60-65 KD
Tag	Human IgG1 Fc fusion on C terminal
Source	Human cells
Purity	>85% in SDS-PAGE gel PBS lyophilized
Formulation	Form without preservatives
Carry	free
Storage	-20 °C ~ -70 °C
Reconstitution	100 µl
Application	ELISA

Description

A DNA sequence encoding extracellular domain of Human Activin Receptor Type II (Ser¹⁹-Thr¹³⁴) with fused human IgG1 Fc on the C-Terminus was expressed in *human cells*. The recombinant human ACVR2B / Fc chimera is a disulfide-linked homodimer generated after removal of the signal peptide. The reduced monomer comprises 354 amino acids and predicts a molecular mass of 40.0 kDa. As a result of glycosylation, the monomer migrates as an approximately 60-65 kDa protein in SDS-PAGE under reducing conditions.

Formulation

Lyophilized 50 µg human Activin Receptor Type IIB extracellular domain/Fc Fusion in 100 µl of PBS, Carry free.

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method.

Reconstitution & Storage

Add 100 µl deionized water to the vial to prepare a working stock solution at 500 µg/mL. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing.

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