Human/Cynomolgus Activin RIIB/ACVR2B Protein

Catalog # RIIB-HF002 Form: Lyophilized

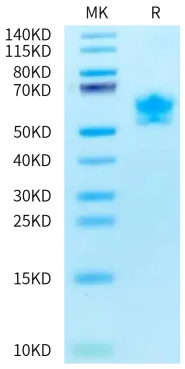
Product Details

Product description	Recombinant Human/Cynomolgus Activin RIIB/ACVR2B Protein is expressed in HEK293 cells with an mFc (IgG1) tag at the C-terminus. It contains amino acid residues Ser19-Thr137 (Human) / Ser40-Thr158 (Cynomolgus) (accession: Q13705-1(Human) / XP_045242398.1(Cynomolgus)).
Molecular aliases	Activin receptor type-2B; ACVR2B; Activin RIIB; ActRIIB
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 39.32 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human/Cynomolgus Activin RIIB on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.