Human Activin B Protein

Cat. No. ACV-HM00B

Description

Source	Recombinant Human Activin B Protein is expressed from HEK293 without tag.
	It contains Gly293-Ala407.
Accession	P09529
Molecular Weight	The protein has a predicted MW of 12.81 kDa. Due to glycosylation, the protein migrates to 14-15 kDa under reduced (R) condition, and 24-30 kDa under Non reducing (N) condition based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

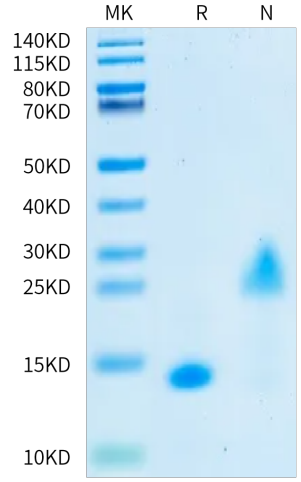
Formulation	Supplied as 0.22 μm filtered solution in 4mM HCL.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

The gene inhibin subunit beta B (INHBB), also named Activin B encodes the inhibin βB subunit, which is involved in forming protein members of the transforming growth factor-β (TGF-β) superfamily. The TGF-β superfamily is extensively involved in cell proliferation, differentiation, adhesion, movement, metabolism, communication, and death.

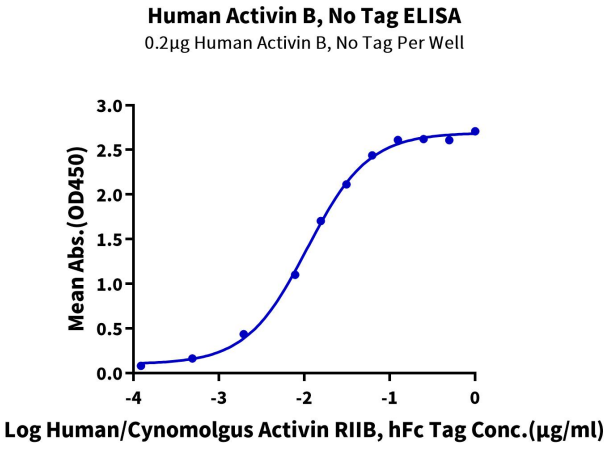
Assay Data

Bis-Tris PAGE



Human Activin B Protein on Bis-Tris PAGE under reduced (R) condition and Non reducing (N) condition. The purity is greater than 95%.

ELISA Data



Immobilized Human Activin B, No Tag at 2μg/ml (100μl/well) on the plate. Dose response curve for Human/Cynomolgus Activin RIIB, hFc Tag with the EC50 of 10.8ng/ml determined by ELISA.