

Human Activin E Protein



Cat. No. IHB-HE10E

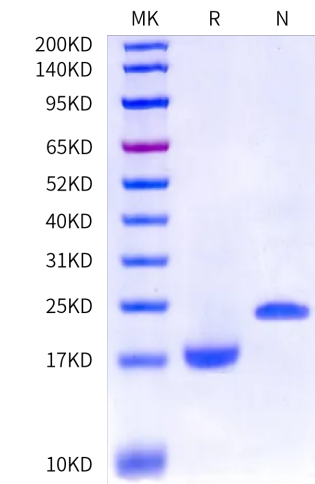
Description	
Source	Recombinant Human Activin E Protein is expressed from E.coli with His tag at the N-terminus. It contains Thr237-Ser350.
Accession	P58166
Molecular Weight	The protein has a predicted MW of 13.56 kDa. The protein migrates to 15-18 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 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	
Activin E is a liver-derived hepatokine belonging to the transforming growth factor-β superfamily, and it promotes energy expenditure by activating brown and beige adipocytes. Activin E also possesses anti-lipolytic activity.	

Assay Data

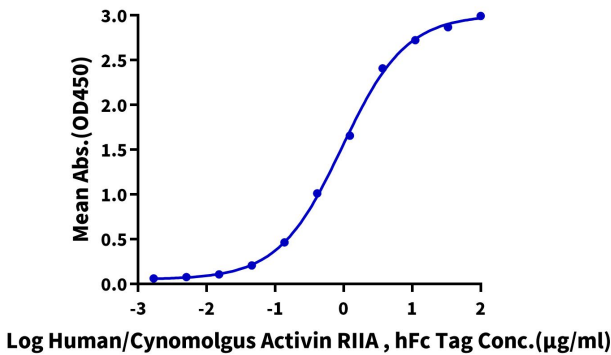
Bis-Tris PAGE



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

ELISA Data

Human Activin E, His Tag ELISA
0.5µg Human Activin E, His Tag Per Well



Immobilized Human Activin E, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human/Cynomolgus Activin RIIA, hFc Tag (Cat. ARA-HM22A) with the EC50 of 0.95µg/ml determined by ELISA.