Human/Mouse/Rat Activin A Protein

Catalog # ACTIVINA-HP001 Form: Lyophilized

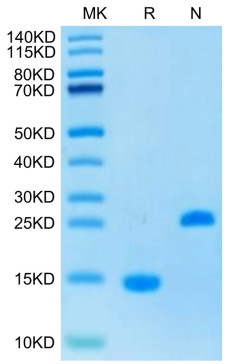
Product Details

Product description	Recombinant Human/Mouse/Rat Activin A Protein is expressed in HEK293 cells without tag. It contains amino acid residues Gly311-Ser426 (UniProt accession: P08476).
Molecular aliases	INHBA; Activin A; Inhibin beta A chain;
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 12.97 kDa. Due to glycosylation, the protein migrates to 14-15 kDa under reduced (R) condition, and 23-30 kDa under Non reduced (N) condition based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin	Less than 0.1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in 4mM HCl. 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 4mM HCL. 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/Mouse/Rat Activin A on Bis-Tris PAGE under reduced (R) condition and Non reduced (N) condition. The purity is greater than 95%.