Rat ALK-7/Activin RIC Protein

Catalog # ALK7-RF001 Form: Lyophilized

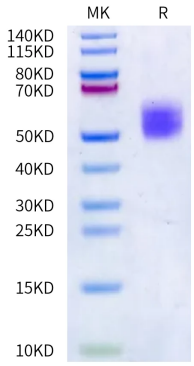
Product Details

Product description	Recombinant Rat ALK-7/Activin RIC Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the C-terminus. It contains amino acid residues Leu26-Glu113 (UniProt accession: P70539).
Molecular aliases	ACTR-IC; ACVR1C; ALK7; Activin R1C;
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 35.46 kDa. Due to glycosylation, the protein migrates to 48-68 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC
Endotoxin	Less than 0.1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in 20mM Tris, 150mM NaCl (pH 7.5). 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

Rat ALK-7 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.