



Certificate of Analysis

Activin RIB/ALK-4 Protein, Rat (HEK293, Fc)

Cat. No.:	HY-P76718
Batch No.:	316869
Species:	Rat
Source:	HEK293
Tag:	C-hFc
Accession:	P80202 (S24-E126)
Gene ID:	29381
Molecular Weight:	Approximately 38-45 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Rat Activin RIB at 10 μg/mL (100 μL/well) can bind Rat TDGF. The ED ₅₀ for this effect is 100.6 ng/mL.	100.6 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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