



Certificate of Analysis

ACVR2A/Activin RIIA Protein, Mouse (HEK293, His)

Cat. No.:	HY-P75563
Batch No.:	289757
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	P27038 (A20-P134)
Gene ID:	11480
Molecular Weight:	Approximately 35 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	95.80%
Endotoxin Level	<1 EU/µg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to neutralize Activin-mediated inhibition on MPC11 cell proliferation. The ED ₅₀ for this effect is typically 0.4-3 µg/mL in the presence of 10 ng/mL Recombinant Human Activin A.	0.4 µg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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. 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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