



Certificate of Analysis

ACVR2B Protein, Human (HEK293, Fc)

Cat. No.:	HY-P72813
Batch No.:	273642
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	Q13705 (S19-T134)
Gene ID:	93
Molecular Weight:	Approximately 55-70 kDa due to the glycosylation.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured by its ability to neutralize Activin-mediated inhibition on MPC11 cell proliferation. The ED ₅₀ for this effect is 0.1292 μg/mL in the presence of 10 ng/mL recombinant Activin A, corresponding to a specific activity is 7.097×10 ³ units/mg.	0.1292 μg/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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