



# Certificate of Analysis

## Activin A Protein, Human/Mouse/Rat (HEK293)

Cat. No.:	HY-P70311
Batch No.:	412663
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	P08476 (G311-S426)
Gene ID:	3624
Molecular Weight:	13-15 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<0.01 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibition on MPC11 cell proliferation. The ED <sub>50</sub> for this effect is typically 0.7508 ng/mL, corresponding to a specific activity is 1.33×10 <sup>6</sup> units/mg.	0.7508 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O or PBS.	
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA