



# Certificate of Analysis

## Angiopoietin-2 Protein, Human (CHO, His)

**Cat. No.:** HY-P72828  
**Batch No.:** 240569  
**Species:** Human  
**Source:** CHO  
**Tag:** C-6\*His  
**Accession:** O15123 (M1-F496)  
**Gene ID:** 285  
**Molecular Weight:** Approximately 62.6 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	96.50%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Angiopoietin-2 Protein, Human (CHO, His) at 2 μg/mL (100 μl/well) can bind human TIE2-Fc and the EC <sub>50</sub> is 80-480 ng/mL.	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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. 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