



Certificate of Analysis

Angiopoietin-2 Protein, Mouse (HEK293, Fc)

Cat. No.: HY-P7844
Batch No.: 268584
Species: Mouse
Source: HEK293
Tag: C-hFc
Accession: O35608 (Y19-F496)
Gene ID: 11601
Molecular Weight: 90-120 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Mouse Angiopoietin-2 at 2 μg/mL (100 μL/well) can bind Biotinylated TIE-2. The ED ₅₀ for this effect is 0.8674 μg/mL, corresponding to a specific activity is 1.15×10 ³ Unit/mg.	PASS
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 (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