



# Certificate of Analysis

## CD105/Endoglin Protein, Mouse (HEK293, His)

**Cat. No.:** HY-P75446  
**Batch No.:** 271500  
**Species:** Mouse  
**Source:** HEK293  
**Tag:** C-His  
**Accession:** Q63961 (R28-G581)  
**Gene ID:** 13805  
**Molecular Weight:** 65-70 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	96.70%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured by its ability to inhibit BMP9-induced alkaline phosphatase production by MC3T3E1 mouse chondrogenic cells. The ED <sub>50</sub> for this effect is typically 25-100 ng/mL in the presence of 2 ng/mL of recombinant human BMP9.	87 ng/mL
Concentration		2.86 mg/mL
Appearance	Solution	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

**Caution: Product has not been fully validated for medical applications. For research use only.**

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