



Certificate of Analysis

GMP SCF Protein, Human (HEK293, His)

Cat. No.:	HY-P70757G
Batch No.:	231812
Species:	Human
Source:	HEK293
Tag:	C-6*His
Accession:	P21583 (E26-H214)
Gene ID:	4254
Molecular Weight:	30-50 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.1 EU/μg, determined by LAL method.	PASS
Biological Activity	The specific activity is > 2×10 ⁵ U/mg.	2.44 E5 IU/mg
pH Value	7.4	
Host Cell Protein (ELISA)	0.035 ug/mL	
Host Cell DNA (qPCR)	0.0043ng/mg	
Mycoplasma	Negative	
Sterility	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. 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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