



Certificate of Analysis

NANOG Protein, Human (His-SUMO)

Cat. No.:	HY-P7391
Batch No.:	240365
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-6*His;N-SUMO
Accession:	Q9H9S0 (M1-V305)
Gene ID:	79923
Molecular Weight:	Approximately 60 kDa. The reducing (R) protein migrates as 60 kDa in SDS-PAGE may be due to molecular structure of protein.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	≥90.0%
Endotoxin Level	<1.0 EU/μg, determined by LAL method.	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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