



# Certificate of Analysis

## ESM-1 Protein, Human (HEK293, His)

Cat. No.:	HY-P70151
Batch No.:	190050
Species:	Human
Source:	HEK293
Tag:	C-6*His
Accession:	AAH11989.1/Q9NQ30 (W20-R184 )
Gene ID:	11082
Molecular Weight:	Approximately 20-25 kDa due to the glycosylation

### ANALYTICAL DATA

TEST	Specifications	Results
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> 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.**

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