



# Certificate of Analysis

## DNase I Protein, Human (HEK293, His)

Cat. No.:	HY-P72974
Batch No.:	152628
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P24855 (M1-K282)
Gene ID:	1773
Molecular Weight:	Approximately 37 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 85% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	One unit is defined as the amount of DNase I that degrades DNA and causes an increase in absorbance at 260 nm of 0.001/minute and the specific activity is >5000 unit/mg.	26660 unit/mg
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.	
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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