



Certificate of Analysis

Endothelin-1/EDN1 Protein, Human (GST)

Cat. No.:	HY-P700460
Batch No.:	284417
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-GST
Accession:	P05305 (C53-W73)
Gene ID:	1906
Molecular Weight:	29.5 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	90.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized EDNRB at 5 μg/mL can bind human EDN1 with a linear range of 37035-185619 ng/mL.	37035-185619 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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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