



Certificate of Analysis

ADAM12 Protein, Human (HEK293, His)

Cat. No.:	HY-P72814
Batch No.:	232096
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	O43184 (M1-S513)
Gene ID:	8038
Molecular Weight:	27&55&72 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized ADAM12 Protein, Human (HEK293, His) at 10 μg/mL (100 μl/well) can bind mouse FLRG-His with a linear range of 0.31-1.25 μg/mL.	PASS
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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