



Certificate of Analysis

Semaphorin-4D/SEMA4D Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P77832
Batch No.:	351227
Species:	Cynomolgus
Source:	HEK293
Tag:	C-His
Accession:	A0A2K5TZC9 (F24-R734)
Gene ID:	/
Molecular Weight:	90-120 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Cynomolgus Semaphorin 4D, His Tag at 2 μg/mL (100 μl/well) on the plate. Dose response curve for Anti-Semaphorin 4D Antibody, hFc Tag with the EC ₅₀ of ≤11.8 ng/mL determined by ELISA.	7.2 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 (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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