



Certificate of Analysis

Mer Protein, Cynomolgus (HEK293, Fc)

Cat. No.: HY-P78581
Batch No.: 275821
Species: Cynomolgus
Source: HEK293
Tag: C-hFc
Accession: XP_005575320.1 (A23-I507)
Gene ID: /
Molecular Weight: approximately 150 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reduced SDS-PAGE.	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human Gas6 Protein, His tag at 5 μg/mL (100 μL/well) can bind Biotinylated Cynomolgus MERTK. The ED ₅₀ for this effect is 55.09 ng/mL.	55.09 ng/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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. 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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