



Certificate of Analysis

CD117/c-kit Protein, Mouse (495a.a, HEK293, Fc)

Cat. No.:	HY-P78712
Batch No.:	288692
Species:	Mouse
Source:	HEK293
Tag:	C-hFc
Accession:	P05532-2 (S25-T519)
Gene ID:	16590
Molecular Weight:	Approximately 110 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 Human SCF at 2 μg/mL on an Nickel Coated plate can bind Mouse CD117. The EC ₅₀ is 103.5-437.3 ng/mL.	103.5-437.3 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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