



Certificate of Analysis

CD117/c-Kit Protein, Mouse (HEK293, His)

Cat. No.:	HY-P72880
Batch No.:	309666
Species:	Mouse
Source:	HEK293
Tag:	C-10*His
Accession:	P05532 (S25-T523)
Gene ID:	16590
Molecular Weight:	70-80 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. When Recombinant Mouse CD117/c-kit Fc Chimera is present at 0.5 μg/mL, can bind Biotinylated Recombinant Mouse SCF/c-kit Ligand. The ED_{50} for this effect is 1.57 ng/mL.	1.57 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA