



# Certificate of Analysis

## FLT3 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P74151
Batch No.:	278808
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	NP_034359.2 (N28-S544)
Gene ID:	14255
Molecular Weight:	approximately 88-100 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing 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 human Flt-3 Ligand, at 1 μg/mL (100 μL/well) can bind Biotinylated Mouse FLT3 protein. The ED50 for this effect is 5.987 ng/mL.	5.987 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.	
Storage & Stability	Stored at -20°C. 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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