



Certificate of Analysis

Siglec-3/CD33 Protein, Human (HEK293, Fc-Myc)

Cat. No.:	HY-P72021
Batch No.:	114093
Species:	Human
Source:	HEK293
Tag:	C-Myc;C-Fc
Accession:	P20138 (D18-H259)
Gene ID:	945
Molecular Weight:	Approximately 92 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized CD33 at 2 μg/mL can bind Anti-CD33 rabbit monoclonal antibody and the EC ₅₀ of human CD33 protein is 0.4375-0.6651 ng/mL.	PASS
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.

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