



Certificate of Analysis

Fc gamma RIIA/CD32a Protein, Human (Biotinylated, 183a.a, HEK293, His-Avi)

Cat. No.:	HY-P78100
Batch No.:	218255
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	P12318 (A36-I218, H167)
Gene ID:	2212
Molecular Weight:	30-40 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Rituximab captured on CM5 Chip via Protein A can bind Biotinylated Human Fc gamma RIIA(H167) His-Avi with an affinity constant of 0.680-1.2 μM as determined in SPR assay.	1.2 μM
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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