



Certificate of Analysis

Fc gamma RIIIA/CD16a Protein, Human (HEK293, His-HSA)

Cat. No.:	HY-P78677
Batch No.:	293929
Species:	Human
Source:	HEK293
Tag:	C-10*His;C-HSA
Accession:	P08637 (G17-Q208, F176V)
Gene ID:	2214
Molecular Weight:	90-115 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Loaded Anti-Human CD1 6a Antibody on 96-Flat plate, can bind Human CD16a, with an affinity constant of 12 nM as determined in BLI assay (Gator Prime).	12 nM
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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