



Certificate of Analysis

Fc gamma RIIIA/CD16a Protein, Rat (HEK293, His)

Cat. No.:	HY-P75621
Batch No.:	309836
Species:	Rat
Source:	HEK293
Tag:	C-His
Accession:	XP_008767961.1 (L22-P200)
Gene ID:	304966
Molecular Weight:	28-33 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. Immobilized rat FCGR3A-His at 10 μg/mL (100 μl/well) can bind biotinylated human IgG1, The EC ₅₀ of biotinylated human IgG1 is 59.0-139.0 ng/mL.	PASS
Appearance	Solution	
Concentration	0.53 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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