



Certificate of Analysis

HER4 Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P700733
Batch No.:	289465
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	Q15303 (Q26-P651)
Gene ID:	2066
Molecular Weight:	75-110 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	Immobilized Biotinylated Human Her4, HisTag at 2 μg/mL(100 pl/well) on the streptavidinprecoated plate(5 μg/mL). Dose responsecurve for Human NRG1 Beta 1 hFc Tag withthe EC ₅₀ of 8.8 ng/mL determined by ELISA.	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 (with carrier protein). 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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