



Certificate of Analysis

EGFR Protein, Human (621a.a, HEK293, Fc)

Cat. No.:	HY-P74177
Batch No.:	284388
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	P00533 (L25-S645)
Gene ID:	1956
Molecular Weight:	110-160 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	Immobilized Human EGF, No Tag at 2 μg/mL (100 μl/well) on the plate. Dose response curve for Human EGFR, hFc Tag with the EC ₅₀ of 2.4 μg/mL determined by ELISA.	2.4 μg/mL
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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