



# Certificate of Analysis

## EGFR Protein, Rhesus Macaque (645a.a, HEK293, His)

Cat. No.:	HY-P75257
Batch No.:	267293
Species:	Rhesus Macaque
Source:	HEK293
Tag:	C-10*His
Accession:	XP_001107305.1 (L25-S645)
Gene ID:	613027
Molecular Weight:	Approximately 93.85 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.	<1 EU/μg
Biological Activity	Immobilized Rhesus Macaque EGFR, at 1 μg/mL (100 μL/well) can bind Anti-EGFR Antibody. The ED <sub>50</sub> is 8.347 ng/mL, corresponding to a specific activity is 1.2×10 <sup>5</sup> U/mg	8.347 ng/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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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