



Certificate of Analysis

EGFR Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P72988
Batch No.:	263956
Species:	Mouse
Source:	HEK293
Tag:	C-hFc
Accession:	Q01279 (L25-S647)
Gene ID:	13649
Molecular Weight:	Approximately 142.57 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 Mouse EGFR, at 1 μg/mL (100 μL/well) can bind Anti- EGFR Antibody. The ED50 is 0.7847 ng/mL, corresponding to a specific activity is 1.27×10 ⁶ U/mg.	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
Storage & Stability	Stored at -20°C. 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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