



Certificate of Analysis

EGFR vIII Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78117
Batch No.:	307527
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	NP_001333870 (L25-S378)
Gene ID:	1956
Molecular Weight:	65-80 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	Loaded Anti-Human EGFR mAb on Pro-A Biosensor, can bind EGFR vIII Protein, Human (Biotinylated, HEK293, His-Avi) with an affinity constant of 3.64 nM as determined in BLI assay.	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. 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA