



# Certificate of Analysis

## EphA4 Protein, Rat (HEK293, His)

Cat. No.:	HY-P75238
Batch No.:	317474
Species:	Rat
Source:	HEK293
Tag:	C-His
Accession:	D3ZZK3 (V20-T547)
Gene ID:	316539
Molecular Weight:	Approximately 70-80 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized recombinant Rat EPHA4 Protein at 2 μg/mL (100 μL/well) can bind Recombinant rat EFNA5, The ED <sub>50</sub> for this effect is 35.43 ng/mL.	35.43 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 (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.**

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