



# Certificate of Analysis

## EphB2 Protein, Human (HEK293, His-Fc)

Cat. No.:	HY-P73001
Batch No.:	270478
Species:	Human
Source:	HEK293
Tag:	C-hFc;C-8*His
Accession:	P29323/NP_059145.2 (V19-L543)
Gene ID:	2048
Molecular Weight:	approximately 95 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥96.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Immobilized Ephrin B2 Protein at 2 μg/mL (100 μL/well) can bind Biotinylated EphB2 Protein. The ED <sub>50</sub> for this effect is 1.949 ng/mL, corresponding to a specific activity is 5.13×10 <sup>5</sup> Unit/mg.	1.949 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. 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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