



# Certificate of Analysis

## Her2/CD340 Protein, Human (Biotinylated, HEK293, His)

Cat. No.:	HY-P78882
Batch No.:	262624
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P04626 (T23-T652)
Gene ID:	2064
Molecular Weight:	80-110 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE or Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to block anti-ErbB2 mediated inhibition of SK-BR-3 human breast cancer cell proliferation. The ED <sub>50</sub> this effect is 0.5829 μg/mL in the presence of 0.6 μg/mL Trastuzumab, corresponding to a specific activity is 1.72×10 <sup>3</sup> units/mg.	PASS
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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