



Certificate of Analysis

CD40 Protein, Rhesus Macaque (HEK293, His)

Cat. No.:	HY-P75408
Batch No.:	269304
Species:	Rhesus Macaque
Source:	HEK293
Tag:	C-10*His
Accession:	NP_001252791.1 (E21-R193)
Gene ID:	707749
Molecular Weight:	Approximately 31.67 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	≥90.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Immobilized Human CD40 Ligand at 2 μg/mL (100 μL/well) can bind Biotinylated Rhesus macaque CD40. The ED ₅₀ for this effect is 6.431 ng/mL, corresponding to a specific activity is 1.55×10 ⁵ Unit/mg.	6.431 ng/mL
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. 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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