



Certificate of Analysis

CD40L/CD154/TRAP Protein, Human (His)

Cat. No.:	HY-P72907
Batch No.:	291706
Species:	Human
Source:	<i>E. coli</i>
Tag:	C-His
Accession:	P29965 (Q114-L261)
Gene ID:	959
Molecular Weight:	Approximately 17.7 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human CD40 Ligand, His Tag at 5 μg/mL (100 μl/well) on the plate. Dose response curve for Human CD40, hFc Tag with the EC ₅₀ of ≤0.94 μg/mL determined by ELISA.	0.94 μg/mL
Appearance	Solution	
Concentration	0.62 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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