



Certificate of Analysis

CD40L/CD154/TRAP Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P72908
Batch No.:	178531
Species:	Mouse
Source:	HEK293
Tag:	N-hFc
Accession:	P27548 (G115-L260)
Gene ID:	21947
Molecular Weight:	Approximately 46.23 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	92.40%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse CD40 His at 2 μg/mL (100 μl/well) can bind Mouse CD40 Ligand hFc, the EC ₅₀ of Mouse CD40 Ligand hFc is 60-300 ng/mL.	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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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