



Certificate of Analysis

CTLA-4 Protein, Human (126a.a, HEK293, His)

Cat. No.: HY-P70684
 Batch No.: 109597
 Species: Human
 Source: HEK293
 Tag: C-6*His
 Accession: P16410 (K36-D161)
 Gene ID: 1493
 Molecular Weight: 20-25 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	10 μg/mL (100 μL/well) of immobilized Mouse B7-1-Fc can bind Human CTLA-4-His with an ED ₅₀ value of 5-50 ng/mL.	15 ng/mL
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 (with carrier protein). 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA