



Certificate of Analysis

4-1BB/TNFRSF9 Protein, Human (163a.a, HEK293, His)

Cat. No.:	HY-P70678
Batch No.:	105362
Species:	Human
Source:	HEK293
Tag:	C-6*His
Accession:	Q07011 (L24-Q186)
Gene ID:	3604
Molecular Weight:	28-35 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 4-1BB-His at 10 μg/mL (100 μl/well) can bind Human 4-1BBL-Fc. The ED ₅₀ of Human IL-23-His is 1.61 μg/mL.	1.61ug/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. 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