



Certificate of Analysis

GMP TNF-alpha/TNFSF2 Protein, Human

Cat. No.:	HY-P70426G
Batch No.:	230762
Species:	Human
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P01375 (V77-L233)
Gene ID:	7124
Molecular Weight:	Approximately 16.0 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	97.13%
Endotoxin Level	<0.01 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to kills L929 mouse fibroblasts in the presence of actinomycin D. The specific activity is $\geq 2 \times 10^7$ IU/mg.	9.84 E7 IU/mg
pH Value	7.0	
Host Cell Protein (ELISA)	0.007 ng/mL	
Host Cell DNA (qPCR)	0.7 ng/mg	
Mycoplasma	Negative	
Sterility	PASS	
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in injection water.	
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