



Certificate of Analysis

TNF-alpha/TNFSF2 Protein, Mouse (His)

Cat. No.: HY-P7417
 Batch No.: 263331
 Species: Mouse
 Source: *E. coli*
 Tag: N-His
 Accession: P06804 (L80-L235)
 Gene ID: 21926
 Molecular Weight: Approximately 18.3 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1.0 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	The ED ₅₀ is <0.05 ng/mL as measured by L-929 mouse fibrosarcoma cells, corresponding to a specific activity of >2 × 10 ⁷ units/mg.	46.16 pg/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