



Certificate of Analysis

AITRL/TNFSF18 Protein, Mouse

Cat. No.: HY-P7319
Batch No.: 155162
Species: Mouse
Source: *E. coli*
Tag: Tag Free
Accession: Q7TS55 (T47-S173)
Gene ID: 240873
Molecular Weight: Approximately 14.5 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.2 EU/μg, determined by LAL method.	PASS
Biological Activity	The ED ₅₀ is <5 ng/mL as measured by PMBC, corresponding to a specific activity of >2 × 10 ⁵ units/mg.	<5 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.

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