



Certificate of Analysis

TWEAK/TNFSF12 Protein, Rat (HEK293, Fc)

Cat. No.: HY-P77266
Batch No.: 321319
Species: Rat
Source: HEK293
Tag: N-hFc
Accession: Q6AYC1 (R105-H249)
Gene ID: 360548
Molecular Weight: Approximately 50 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.20%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Rat TNFSF12 at 10 μg/mL (100μL/well) can bind Biotinylated human TNFRSF12A. The ED ₅₀ for this effect is ≤0.28 μg/mL.	0.02647 μg/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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