



Certificate of Analysis

TWEAK/TNFSF12 Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P77264
Batch No.:	274554
Species:	Mouse
Source:	HEK293
Tag:	N-hFc
Accession:	NP_035744.1 (R105-H249)
Gene ID:	21944
Molecular Weight:	Approximately 42.95 kDa.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 85% as determined by reducing SDS-PAGE	91.96%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using HUVEC cells. The ED ₅₀ for this effect is 0.1239 μg/mL, corresponding to a specific activity is 8.07×10 ³ units/mg.	0.1239 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C. 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.

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