



Certificate of Analysis

TNFR-1/CD120a Protein, Human (HEK293, His)

Cat. No.:	HY-P700263
Batch No.:	248934
Species:	Human
Source:	HEK293
Tag:	C-8*His
Accession:	P19438 (L30-T211)
Gene ID:	7132
Molecular Weight:	28-38kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<0.1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit the TNF-alpha mediated cytotoxicity in the L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D. The IC_{50} for this effect is 0.06164 μg/mL in the presence of 0.25 ng/mL of recombinant human TNF-alpha, corresponding to a specific activity is 1.622×10^4 units/mg.	0.06164 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. 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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