



# Certificate of Analysis

## TNFRII Protein, Human (174a.a, HEK293, His)

**Cat. No.:** HY-P71126  
**Batch No.:** 240163  
**Species:** Human  
**Source:** HEK293  
**Tag:** C-6\*His  
**Accession:** P20333 (K288-S461)  
**Gene ID:** 7133  
**Molecular Weight:** 34-41 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<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 ED <sub>50</sub> for this effect, in the presence of 0.25 ng/mL of TNF-alpha, is 0.0018 μg/mL, corresponding to a specific activity is 5.695×10 <sup>5</sup> units/mg.	0.0018 μg/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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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