



# Certificate of Analysis

## TNFR2 Protein, Human (257a.a, HEK293, His)

Cat. No.:	HY-P76683
Batch No.:	212346
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P20333 (L23-D257)
Gene ID:	7133
Molecular Weight:	Approximately 40.1 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	<p>1. Measured by its ability to inhibit TNF-α mediated cytotoxicity in L-929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D and the ED<sub>50</sub> is typically 0.2-0.8 μg/mL in the presence of 0.25 ng/mL human TNF-α.</p> <p>2. Measured by its binding ability in a functional ELISA. Immobilized Human TNF-alpha at 2 μg/mL (100 μl/well) can bind Human TNFR2/TNFRSF1B His, the EC<sub>50</sub> of Human TNFR2/TNFRSF1B His is 2.0-12.0 ng/mL.</p>	<p>0.2 μg/mL (Test by method 1)</p> <p>PASS (Test by method 2)</p>
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.	
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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