



# Certificate of Analysis

## TL1A/TNFSF15 Protein, Human

Cat. No.:	HY-P71913
Batch No.:	293764
Species:	Human
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	O95150 (L72-L251)
Gene ID:	9966
Molecular Weight:	Approximately 20.5 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by its ability to induce apoptosis using human TF-1 cells is less than 20 ng/mL, corresponding to a specific activity of $>5.0 \times 10^4$ IU/mg.	3.752 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in sterile distilled water.	
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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