



Certificate of Analysis

LIGHT/TNFSF14 Protein, Human (HEK293, Fc)

Cat. No.: HY-P73281
Batch No.: 259756
Species: Human
Source: HEK293
Tag: N-hFc
Accession: O43557 (D74-V240)
Gene ID: 8740
Molecular Weight: Approximately 50 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	91.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured in a cell proliferation assay using HUVEC human umbilical vein endothelial cells. The ED ₅₀ this effect is 2.816 ng/ml, corresponding to a specific activity is 3.55×10 ⁵ units/mg.	2.816 ng/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. 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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