



# Certificate of Analysis

## LPAL2 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P77066
Batch No.:	337743
Species:	Human
Source:	HEK293
Tag:	C-mFc
Accession:	Q16609 (G22-A132)
Gene ID:	80350
Molecular Weight:	Approximately 41-44 kDa due to the glycosylation

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.30%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit the proliferation of Huh-7 cells. The ED50 for this effect is 4.719 μg/mL, corresponding to a specific activity is 2.119×10 <sup>3</sup> units/mg.	4.719 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.	
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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