



Certificate of Analysis

FSTL3 Protein, Human (HEK293, His)

Cat. No.:	HY-P77941
Batch No.:	346506
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	O95633 (M27-V263)
Gene ID:	10272
Molecular Weight:	35-42 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	1.Immobilized Human FSTL3, His Tag at 0.5 μg/mL (100 μl/Well) on the plate. Dose response curve for Anti-FSTL3 Antibody, hFc Tag with the EC ₅₀ of ≤27.5 ng/mL determined by ELISA. 2.Measured by its ability to neutralize Activin-mediated inhibition on MPC11 cell proliferation. The ED ₅₀ for this effect is typically 5-25 ng/mL in the presence of 7.5 ng/mL rhActivin A.	18.4 ng/mL (Test by method 1) 7.91 ng/mL (Test by method 2)
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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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