



Certificate of Analysis

Follistatin-like 1/FSTL1 Protein, Rat (HEK293, C-His)

Cat. No.: HY-P75781A
Batch No.: 274561
Species: Rat
Source: HEK293
Tag: C-10*His
Accession: NP_077345.1 (E19-I306)
Gene ID: 79210
Molecular Weight: 37-48 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	Immobilized Recombinant Follistatin-like 1/FSTL1 at 2 μg/ml (100 μl/well) can bind Biotinylated Recombinant human BMP-4 Protein. The ED ₅₀ for this effect is 101.5 ng/mL.	PASS
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 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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