



Certificate of Analysis

LRP-6 Protein, Human (HEK293, mFc)

Cat. No.:	HY-P77990
Batch No.:	410979
Species:	Human
Source:	HEK293
Tag:	C-mFc
Accession:	075581 (A20-P630)
Gene ID:	4040
Molecular Weight:	100-120 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by Tris-Bis PAGE.	≥90.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Biotinylated Human SOST, His Tag at 5 μg/mL (100μl/well) on the streptavidin precoated plate (5 μg/mL). Dose response curve for Human LRP-6, mFc Tag with the EC ₅₀ of ≤0.17 μg/mL determined by ELISA.	101.3 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 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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