



# Certificate of Analysis

## LRP-5 Protein, Human (HEK293, mFc)

Cat. No.:	HY-P77989
Batch No.:	275150
Species:	Human
Source:	HEK293
Tag:	C-mFc
Accession:	075197 (E644-Q1263)
Gene ID:	4041
Molecular Weight:	110-115 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human DKK1, His Tag at 5 μg/mL (100μl/well) on the plate. Dose response curve for Human LRP-5, mFc Tag with the EC <sub>50</sub> of 0.11 μg/mL determined by ELISA.	0.11 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. 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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