



Certificate of Analysis

TGFBR2/TGF-beta RII Protein, Human (Biotinylated, HEK293, Fc-Avi)

Cat. No.:	HY-P78215
Batch No.:	274771
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-mFc
Accession:	P37173 (I24-D159)
Gene ID:	7048
Molecular Weight:	55-70 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	Immobilized Human Mature TGF beta 2, No Tag at 2 μg/mL (100 μl/Well) on the plate. Dose response curve for Biotinylated Human TGF-beta RII, mFc Tag with the EC ₅₀ of 113.4 ng/mL determined by ELISA.	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. 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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