



Certificate of Analysis

IL-1R2 Protein, Human (HEK293)

Cat. No.:	HY-P75849
Batch No.:	291091
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	P27930 (F14-E343)
Gene ID:	7850
Molecular Weight:	50-70 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 Human IL-1R2, No Tag at 2 μg/mL (100 μl/well) on the plate. Dose response curve for Biotinylated Human IL-1 Beta, His Tag with the EC ₅₀ of 0.21 μg/mL determined by ELISA.	0.21 μg/mL
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. 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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