



Certificate of Analysis

IL-1RA/IL-1RN mutant Protein, Cynomolgus (His)

Cat. No.: HY-P75853
 Batch No.: 434635
 Species: Cynomolgus
 Source: *E. coli*
 Tag: C-His
 Accession: NP_001270468.1 (R26-E177)
 Gene ID: 60582
 Molecular Weight: Approximately 18 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Cynomolgus IL1RA at 10 μg/mL (100 μL/well) can bind Cynomolgus IL-1R2. The ED ₅₀ for this effect is 0.09916 μg/mL.	0.09916 μg/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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