



Certificate of Analysis

IL-2R beta/CD122 Protein, Canine (217a.a, HEK293, His)

Cat. No.:	HY-P78635
Batch No.:	286823
Species:	Canine
Source:	HEK293
Tag:	C-His
Accession:	NP_001273780.1 (N30-P246)
Gene ID:	403439
Molecular Weight:	33-40 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reduced SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit the IL-15-dependent proliferation of MO7e human megakaryocytic leukemic cells. The ED ₅₀ for this effect is 0.4095 μg/mL in the presence of 4 ng/mL of recombinant human IL-15, corresponding to a specific activity is 2.44×10 ³ units/mg.	0.4095 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. 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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