



Certificate of Analysis

IL-15R alpha & IL-15 Fusion Protein, Human (HEK293, Fc)

Cat. No.:	HY-P70655
Batch No.:	256899
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	Q13261 (I31-D96)&P40933 (N49-S162, N120D)
Gene ID:	3601&3600
Molecular Weight:	50-60 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	Measured by its ability to block human IL-15-induced proliferation of CTLL-2 mouse cytotoxic T cells. The ED ₅₀ this effect is 0.2169 ng/mL in the presence of 0.5 ng/mL recombinant human IL-15, corresponding to a specific activity is 4.61×10 ⁶ units/mg.	PASS
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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