



Certificate of Analysis

IL-35 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P70338
Batch No.:	267296
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	P29459 (R23-S219)&Q14213 (R21-K229)
Gene ID:	3592&10148
Molecular Weight:	80-120 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	97.31%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using PHA-stimulated Jurkat human T-lymphocyte leukemia cells. The ED ₅₀ of this effect is 0.02969 ng/ml in the presence of 10 μg/mL PHA, corresponding to a specific activity is 3.37×10 ⁷ 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. 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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