



# Certificate of Analysis

## IL-23R Protein, Human (353a.a, HEK293, Fc)

Cat. No.:	HY-P73196
Batch No.:	212349
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	AAM44229.1 (G24-D353)
Gene ID:	149233
Molecular Weight:	Approximately 88.18 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	96.60%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	<p>1. Measured by its binding ability in a functional ELISA. Immobilized human IL23A-His+IL12B-His at 10 μg/mL (100 μl/well) can bind human IL23R-Fc and the EC<sub>50</sub> is 0.28-0.66 μg/mL.</p> <p>2. Measured by its binding ability in a functional ELISA. Immobilized mouse IL12Bh (m)+mIL23Ah at 10 μg/mL (100 μl/well) can bind human IL23R-Fc. The EC<sub>50</sub> of human IL23R-Fc is 0.14-0.35 μg/mL.</p>	<p>PASS (Test by method 1)</p> <p>PASS (Test by method 2)</p>
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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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