



Certificate of Analysis

IL-27 Protein, Mouse (228a.a, HEK293, His)

Cat. No.:	HY-P73200
Batch No.:	236549
Species:	Mouse
Source:	HEK293
Tag:	C-10*His
Accession:	O35228 (Y19-P228) &GSGSGSGSGSGK& Q8K3I6 (F29-S234)
Gene ID:	50498&246779
Molecular Weight:	Approximately 60 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 85% as determined by reducing SDS-PAGE	87.50%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized mouse IL27-His at 10 μg/mL (100 μl/well) can bind human IL27RA-Fc and the EC ₅₀ is 0.26-0.62 μg/mL. Measured in antiviral assay using HepG2 cells infected with vesicular stomatitisvirus (VSV) and the ED ₅₀ is 2-10ng/mL.	6.5 ng/mL
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 (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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