MCE® MedChemExpress

Certificate of Analysis

IL-17A Protein, Mouse

Cat. No.:	HY-P73174
Batch No.:	127608
Species:	Mouse
Source:	*E. coli*
Tag:	Tag Free
Accession:	Q62386 (T22-A158)
Gene ID:	16171
Molecular Weight:	Approximately 16 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized IL-17A Protein, Mouse at 2 μg/mL (100 μl/well) can bind mouse IL17RA-His and the EC_{50} is 12-45 ng/mL. 2. Measured by its ability to induce IL-6 secretion by NIH-*3T3 mouse embryonic fibroblast cells in the presense of 20 ng/mL TNF*α and the ED_{50} is 0.15-0.6 ng/mL.	Pass (Test by method 1) 0.4 ng/mL (Test by method 2)
Appearance	Solution	
Concentration	1.95 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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