



Certificate of Analysis

CD14 Protein, Mouse (HEK293, His-Fc)

Cat. No.:	HY-P75444
Batch No.:	280419
Species:	Mouse
Source:	HEK293
Tag:	C-hFc;C-6*His
Accession:	NP_033971.1 (S16-P345)
Gene ID:	12475
Molecular Weight:	85-95 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 enhance LPS-induced IL-6 secretion by CTLL-2 cells. The ED ₅₀ this effect is 468.3 ng/mL, corresponding to a specific activity is 2135.38 U/mg.	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in PBS, pH 7.4. 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA