



Certificate of Analysis

CXCL14/BRAK Protein, Mouse (His)

Cat. No.: HY-P71887A
Batch No.: 244484
Species: Mouse
Source: *E. coli*
Tag: N-6*His
Accession: Q9WUQ5 (S23-E99)
Gene ID: 57266
Molecular Weight: Approximately 13 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.20%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The biological activity determined by a chemotaxis bioassay using THP-1 human monocytic leukemia cells. The ED ₅₀ for this effect is 1.081 ng/mL, corresponding to a specific activity is 9.25×10 ⁵ units/mg.	1.081 ng/mL
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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