

CXCL14/BRAK Protein, Rat (N-His)

Cat. No.:	HY-P700280
Synonyms:	BRAK; CXCL14
Species:	Rat
Source:	E. coli
Accession:	Q8K453 (S23-E99)
Gene ID:	306748
Molecular Weight:	Approximately 12 kDa

PROPERTIES

AA Sequence	S K C K C S R K G P K I R Y S D V K K L E M K P K Y P H C E E K M V I I T T K S M S R Y R G Q E H C L H P K L Q S T K R F I K W Y N A W N E K R R V Y E E
Biological Activity	The biological activity determined by a chemotaxis bioassay using THP-1 Human monocytic leukemia cells. The ED ₅₀ for this effect is 1.043 ng/mL, corresponding to a specific activity is 9.59×10 ⁵ units/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of 50 mM Tris-HCL, 300 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
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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