

IL-4R alpha protein, Canine (HEK293, His)

Cat. No.:	HY-P700001
Synonyms:	Interleukin-4 receptor subunit alpha; IL-4 receptor subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; CD124
Species:	Canine
Source:	HEK293
Accession:	XP_022275636.1 (G2-Q230)
Gene ID:	489957
Molecular Weight:	Approximately 45 kDa

PROPERTIES

AA Sequence	<pre> G R L C S G L T F P V S C L V L V W V A S S G S V K V L H E P S C F S D Y I S T S V C Q W K M D H P T N C S A E L R L S Y Q L D F M G S E N H T C V P E N R E D S V C V C S M P I D D A V E A D V Y Q L D L W A G Q Q L L W S G S F Q P S K H V K P R T P G N L T V H P N I S H T W L L M W T N P Y P T E N H L H S E L T Y M V N V S N D N D P E D F K V Y N V T Y M G P T L R L A A S T L K S G A S Y S A R V R A W A Q T Y N S T W S D W S P S T T W L N Y Y E P W E Q </pre>
Biological Activity	Measured by its ability to inhibit IL-4-dependent proliferation of TF 1 human erythroleukemic cells. The ED ₅₀ for this effect is 18.24 ng/mL in the presence 0.2 ng/mL of Recombinant Human IL-4, corresponding to a specific activity is 5.482×10 ⁴ units/mg.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 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 (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.

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