PRODUCT INFORMATION

Target	IL4RA
Synonyms	Il4r; CD124
Description	Recombinant mouse IL4RA protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	P16382
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	Mouse IL4RA(Ile26-Arg233) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 25.8 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	Predicted to enable interleukin-4 receptor activity. Involved in positive regulation of chemokine production; positive regulation of cold-induced thermogenesis; and positive regulation of macrophage activation. Acts upstream of or within several processes, including defense response to protozoan; negative regulation of T-helper 1 cell differentiation; and positive regulation of immune effector process. Predicted to be located in centriolar satellite; extracellular space; and nucleoplasm. Predicted to be part of receptor complex. Predicted to be active in external side of plasma membrane. Is expressed in several structures, including adrenal medulla; early conceptus; hemolymphoid system; medulla oblongata basal plate mantle layer; and reproductive system. Used to study asthma. Human ortholog(s) of this gene implicated in several diseases, including acne; allergic conjunctivitis; multiple sclerosis (multiple); renal tuberculosis; and rheumatoid arthritis. Orthologous to human IL4R (interleukin 4 receptor). [provided by Alliance of Genome Resources, Jun 2025]
Usage	Research use only
Conjugate	Unconjugated

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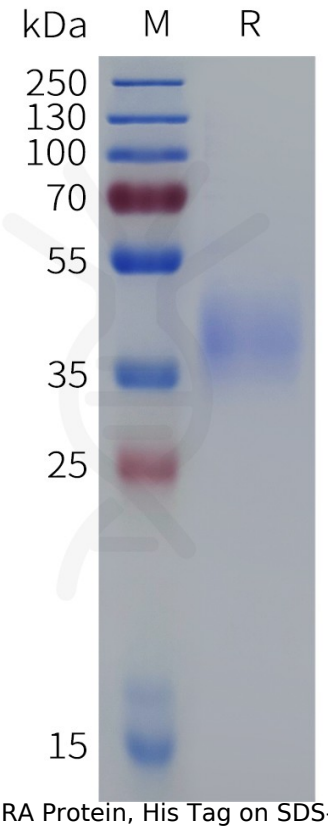


Figure 1. Mouse IL4RA Protein, His Tag on SDS-PAGE under reducing condition.

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