
Product Data Sheet

Product Name: IL5RA Mouse
 Cat. No.: GP20513
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9,Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Interleukin-5 receptor subunit alpha; IL-5 receptorsubunit alpha; IL-5R subunit alpha; IL-5R-alpha; IL-5RA; CD125.		
Amino Acid Sequence	DLLNHKKFLL LPPVNFTIKA TGLAQVLLHW DPNPDQEQRH VDLEYHVKINAPQEDEYDTR KTESKCVTPL HEGFAASVRT ILKSSHTTLA SSWVSAELKA PPGSPGTSVT NLTCTHTTVSSHTHLRPYQ VSLRCTLWLVG KDAPEDTQYF LYYRFGVLTE KCQEYSRDAL NRNTACWFPRTFINSKGFQ LAVHINGSSKRAAIKPFQDL FSPLAIDQVN PPRNVTVEIE SNSLYIQWEK PLSAFPDHCF NYELKIYNTK NGHIOKEKLI ANKFISKIDDVSTYSIQVRA AVSSPCRMPG RWGEWSQPIY VGKERKSLVE WHLEHHHHHH.		
Formulation	IL5RA protein solution (0.5mg/ml) containing PhosphateBuffered Saline (pH 7.4) and 10% glycerol.		

Introduction

Interleukin-5 receptor subunit alpha (IL5ra) regulates the development and function of eosinophils. The IL5ra protein is a therapeutic target for hypereosinophilic diseases including allergic inflammations and asthma. Oct2 enhances antibody-secreting cell differentiation via regulation of IL5ra chain expression on activated B cells.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

IL5RA Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 330 amino acids (18-339a.a.) and having a molecular mass

Caution: Product has not been fully validated for medical applications. For research use only.

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of 37.8kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).IL5RA is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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