

Recombinant Mouse Il5ra Protein, His-tagged

Cat. No. Il5ra-64M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Il5ra, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect Cells
Description	Il5ra, also known as interleukin-5 receptor subunit alpha, is known to regulate the development and function of eosinophils. This protein is a therapeutic target for hypereosinophilic diseases including allergic inflammations and asthma. Oct2 enhances antibody-secreting cell differentiation through regulation of IL-5 receptor alpha chain expression on activated B cells.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	37.8kDa (330aa)40-57KDa (SDS–PAGE under reducing conditions.)
AA Sequence	DLLNHKKFLL LPPVNFTIKA TGLAQVLLHW DPNPDQEQRH VDLEYHVKIN APQEDEYDTR KTESKCVTPL HEGFAASVRT ILKSSHTTLASSWVSAELKA PPGSPGTSVT NLTCTHTTVV SSSHHLRPYQ VSLRCTLWLVG KDAPEDTQYF LYYRFGVLTE KCQEYSRDAL NRNTACWFPRTFINSKGFEQ LAVHINGSSK RAAIKPFDQL FSPLAIDQVN PPRNVTVEIE SNSLYIQWEK PLSAFPDHCF NYELKIYNTK NGHIQKEKLIANKFISKIDD VSTYSIQVRA AVSSPCRMFG RWGEWSQPIY VGKERKSLVE WHLEHHHHHH

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Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	>90% by SDS - PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20Centigrade or -70Centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Absorbance at 280nm)

GENE INFORMATION

Gene Name	Il5ra interleukin 5 receptor, alpha [Mus musculus]
Official Symbol	Il5ra
Synonyms	IL5RA; IL-5RA; IL-5R-alpha; Il5r; CD125; CDw125
Gene ID	16192
mRNA Refseq	NM_008370
Protein Refseq	NP_032396
MIM	
UniProt ID	
Pathway	Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; IL-5 Signaling Pathway,

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organism-specific biosystem; Immune System, organism-specific biosystem;

Function

cytokine receptor activity; receptor activity;

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