

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	<p>DLLNHKKFLL LPPVNFTIKA TGLAQVLLHW DPNPDQEQRH VDLEYHVKIN APQEDEYDTR KTESKCVTPL HEGFAASVRT ILKSSHTTLASSWVSAELKA PPGSPGTSVT NLTCTTHTVV SSSHHLRPYQ VSLRCTWLVG KDAPEdTQYF LYYRFGVLTE KCQEYSRDAL NRNTACWFPRTFINSKGFEQ LAVHINGSSK RAAIKPFDQL FSPLAIDQVN PPRNVTVEIE SNSLYIQWEK PLSAFPDHCF NYELKIYNTK NGHIQKEKLIANKFISKIDD VSTYSIQVRA AVSSPCRMPG RWGEWSQPIY VGKERKSLVE WHLEHHHHHH</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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,

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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

Function

cytokine receptor activity; receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA