

Datasheet for ABIN5854571
IL5RA Protein (AA 18-339) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	IL5RA
Protein Characteristics:	AA 18-339
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL5RA protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	DLLNHKKFLL LPPVNFTIKA TGLAQVLLHW DPNPDQEQRH VDLEYHVKIN APQEDEYDTR KTESKCVTPL HEGFAASVRT ILKSSHTTLA SSWVSAELKA PPGSPGTSVT NLCTTHTVW SSHTHLRPYQ VSLRCTWLVG KDAPEDTQYF LYRFGVLTE KCQEYSRDAL NRNTACWFPR TFINSGFEQ LAVHINGSSK RAAIKPFDQL FSPLAIDQVN PPRNVTVEIE SNSLYIQWEK PLSAFPDHCF NYELKIYNTK NGHIQKEKLI ANKFISKIDD VSTYSIQVRA AVSSPCRMFG RWGEWSQPIY VGKERKSLVE WHLEHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	IL5RA
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Target Details

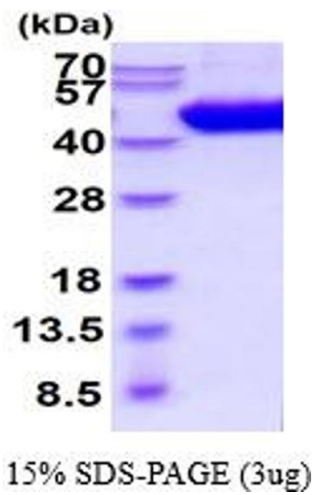
Alternative Name:	IL5ra (IL5RA Products)
Background:	IL5ra, also known as interleukin-5 receptor subunit alpha, is known to regulate the development and function of eosinophils. This protein is a therapeutic target for hypereosinophilic diseases including allergic inflammations and asthma. Oct2 enhances antibody-secreting cell differentiation through regulation of IL-5 receptor alpha chain expression on activated B cells. Recombinant mouse IL5ra, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	37.8kDa (330aa) 40-57KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_032396
UniProt:	P21183
Pathways:	JAK-STAT Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.