

Datasheet for ABIN7092703
IL5RA Protein (AA 21-338) (Fc Tag)



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2 Images

Overview

Quantity:	100 µg
Target:	IL5RA
Protein Characteristics:	AA 21-338
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL5RA protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human L5RA protein with C-terminal human Fc tag
Specificity:	IL5RA (Asp21-Pro338) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 90 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IL5RA
Alternative Name:	IL5RA (IL5RA Products)
Background:	The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine

Target Details

receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Several alternatively spliced transcript variants encoding four distinct isoforms have been reported.

Molecular Weight:	predicted molecular mass of 62.3 kDa after removal of the signal peptide. The apparent molecular mass of IL5RA-hFc is 70-100 kDa due to glycosylation.
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Gene ID:	3567
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UniProt:	Q01344
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Pathways:	JAK-STAT Signaling
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization.
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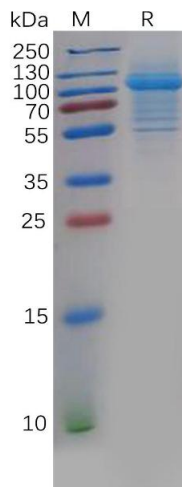
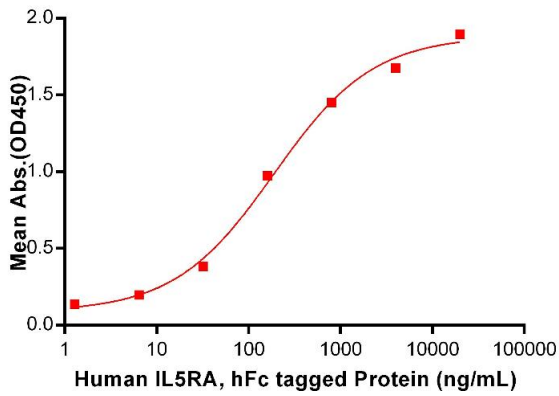
Storage:	-20 °C, -80 °C
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Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
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Expiry Date:	12 months
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Human IL5RA, hFc tagged protein ELISA

0.5 µg of Human IL5, His tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 5 µg/mL (100 µL/well) Human IL5 protein, His Tag ABIN6961138, ABIN7042305 and ABIN7042306 can bind Human IL5RA Protein, hFc Tag (ABIN7092703, ABIN7272206 and ABIN7272207) in a linear range of 6.4-4000 ng/mL.

SDS-PAGE

Image 2. Human IL5RA Protein, hFc Tag on SDS-PAGE under reducing condition.