

## Product datasheet

# Recombinant Human IL-5RA protein ab221341

1 Image

### Description

---

<b>Product name</b>	Recombinant Human IL-5RA protein
<b>Purity</b>	> 85 % SDS-PAGE.
<b>Endotoxin level</b>	< 1.000 Eu/μg
<b>Expression system</b>	HEK 293 cells
<b>Accession</b>	<b><u>Q01344</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	DLLPDEKISLLPPVNF <del>T</del> IKVTGLAQVLLQWKPNPDQEQRN VNLEYQVKIN APKEDDYETRITESKCVTILHKGFSASVRTILQNDHSSLASS WASAELHA PPGSPGTSIVNLTCTTNTTEDNYSRLRSYQVSLHCTWLVG TDAPEDTQYF LYRYGSWTEECQEYSKDTLGRNIACWFPRTFILSKGRDW LAVLVNGSSK HSAIRPFDQLFALHAIDQINPPLNVTAEIEGTRLSIQWEKPV SAFPIHCF DYEVKIHNTRNGYLQIEKLMTNAFISIIDDLSKYDVQVRAAVS SMCREAGLWSEWSQPIYVGNDE
<b>Predicted molecular weight</b>	38 kDa including tags
<b>Amino acids</b>	21 to 335
<b>Tags</b>	His tag C-Terminus
<b>Additional sequence information</b>	(NP_000555).

### Specifications

---

Our **Abpromise guarantee** covers the use of **ab221341** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** SDS-PAGE

**Form** Lyophilized

## Preparation and Storage

---

**Stability and Storage** Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  
pH: 7.40  
Constituents: 95% PBS, 5% Trehalose

**Reconstitution** Reconstitute with sterile deionized water to a concentration of 200 µg/ml.

## General Info

---

**Function** This is the receptor for interleukin-5. The alpha chain binds to IL5.

**Tissue specificity** Expressed on eosinophils and basophils.

**Sequence similarities** Belongs to the type I cytokine receptor family. Type 5 subfamily.

**Domain** The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.

The box 1 motif is required for JAK interaction and/or activation.

**Cellular localization** Membrane.

---

## Images

---



SDS-PAGE (DTT reduced) analysis of ab221341 followed by staining overnight with Coomassie Blue. The reduced protein migrates as 45-55 kDa in SDS-PAGE due to glycosylation.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors