

## Datasheet for ABIN7318601 IL15RA Protein (Fc Tag)



[Go to Product page](#)

### Overview

Quantity: 50 µg

Target: IL15RA

Origin: Human

Source: Human Cells

Protein Type: Recombinant

Biological Activity: Active

Purification tag / Conjugate: This IL15RA protein is labelled with Fc Tag.

### Product Details

Purpose: Recombinant Human IL15RA/IL-15RA Protein (Fc Tag)(Active)

Sequence: Ile31-Thr 205

Characteristics: Recombinant Human Interleukin-15 receptor subunit alpha is produced by our Mammalian expression system and the target gene encoding Ile31-Thr205 is expressed with a Fc tag at the C-terminus.

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin Level: < 1.0 EU per µg as determined by the LAL method.

Biological Activity Comment: Measured by its ability to block human IL-15-induced proliferation of CTLL-2 mouse cytotoxic T cells. The ED50 for this effect is 0.35-3.5 ng/ml.

### Target Details

Target: IL15RA

## Target Details

---

Alternative Name: [IL15RA/IL-15RA \(IL15RA Products\)](#)

---

Background: Background: Interleukin 15 Receptor alpha (IL-15R $\alpha$ ) is a transmembrane glycoprotein that plays a pleiotropic role in immune development and function, including the positive maintenance of lymphocyte homeostasis. IL-15R $\alpha$  chain can bind soluble IL-15 and ""transpresent"" cytokine to the cells, allowing them to respond to IL-15. Soluble IL-15R $\alpha$  can function as a specific high-affinity IL-15 antagonist. The soluble IL-15/IL-15R $\alpha$  complexes exhibit a strong agonistic activity which is mediated through membrane-bound IL-15 receptor  $\beta$  and  $\gamma$  heterodimers and enables signaling to cells.

Synonym: CD215, IL15RA, CD215 antigen, IL-15 receptor subunit alpha, IL-15RA, IL-15R-alpha, interleukin 15 receptor, alpha, interleukin-15 receptor subunit alpha, MGC104179

---

Molecular Weight: 45.5 kDa

---

UniProt: [Q13261](#)

---

Pathways: [JAK-STAT Signaling](#)

---

## Application Details

---

Restrictions: For Research Use only

---

## Handling

---

Format: Lyophilized

---

Reconstitution: Please refer to the printed manual for detailed information.

---

Buffer: Lyophilized from a 0.2  $\mu$ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

---

Storage: 4 °C,-20 °C,-80 °C

---

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.