

Datasheet for ABIN7092713
IL15RA Protein (AA 31-205) (Fc Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	IL15RA
Protein Characteristics:	AA 31-205
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL15RA protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human IL15RA Protein with C-terminal human Fc tag
Specificity:	IL15RA (Ile31-Thr205) 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 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IL15RA
Alternative Name:	IL15RA (IL15RA Products)
Background:	This gene encodes a cytokine receptor that specifically binds interleukin 15 (IL15) with high

Target Details

affinity. The receptors of IL15 and IL2 share two subunits, IL2R beta and IL2R gamma. This forms the basis of many overlapping biological activities of IL15 and IL2. The protein encoded by this gene is structurally related to IL2R alpha, an additional IL2-specific alpha subunit necessary for high affinity IL2 binding. Unlike IL2RA, IL15RA is capable of binding IL15 with high affinity independent of other subunits, which suggests distinct roles between IL15 and IL2. This receptor is reported to enhance cell proliferation and expression of apoptosis inhibitor BCL2L1/BCL2-XL and BCL2. Multiple alternatively spliced transcript variants of this gene have been reported.

Molecular Weight: predicted molecular mass of 44.5 kDa after removal of the signal peptide. The apparent molecular mass of IL15RA-hFc is 70 kDa due to glycosylation.

Gene ID: 3601

UniProt: [Q13261](#)

Pathways: [JAK-STAT Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

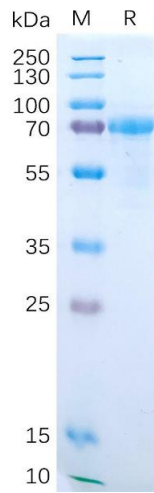
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

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.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human IL15RA Protein, hFc Tag on SDS-PAGE under reducing condition.