

Datasheet for ABIN6964077

**CD25 Protein (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	CD25 (IL2RA)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD25 protein is labelled with His tag.
Application:	ELISA

## Product Details

Purpose:	Recombinant human IL2RA Protein with C-terminal 6xHis tag
Specificity:	IL2RA (Glu22-Cys213) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	CD25 (IL2RA)
Alternative Name:	IL2RA ( <a href="#">IL2RA Products</a> )
Background:	Synonyms: IL2RA,CD25,p55,IL2-RA,IL-2-RA

## Target Details

Description: The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. Mutations in this gene are associated with interleukin 2 receptor alpha deficiency.

Molecular Weight: predicted molecular mass of 22.6 kDa after removal of the signal peptide. The apparent molecular mass of IL2RA-His is 35-55 kDa due to glycosylation.

Gene ID: 3559

UniProt: [P01589](#)

Pathways: [JAK-STAT Signaling](#), [Growth Factor Binding](#), [Activated T Cell Proliferation](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

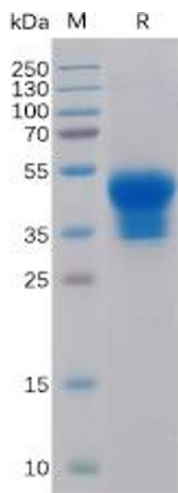
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

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 IL2RA Protein, His Tag on SDS-PAGE under reducing condition.