

Datasheet for ABIN6961076
IL3RA Protein (Fc-His Tag)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	IL3RA
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL3RA protein is labelled with Fc-His Tag.
Application:	ELISA

Product Details

Purpose:	Recombinant human CD123 protein with C-terminal human Fc and 6xHis tag
Specificity:	CD123 (Thr19-Arg305) hFc (Glu99-Ala330) 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:	IL3RA
Alternative Name:	CD123 (IL3RA Products)
Background:	Synonymes: IL3R, IL3RA, IL-3Ra, IL-3R-alpha, IL3RAY, IL3RX, IL3RY, CD123 antigen, CD123,

Target Details

hIL3Ra, hIL-3Ra, MGC34174, IL-3 R alpha

Description: Interleukin 3 receptor alpha (low affinity) (IL3RA), also known as CD123 (Cluster of Differentiation 123) is a 70-kD glycoprotein member of the hematopoietin receptor superfamily. This protein associates with a beta subunit common to the receptors for IL-5 and granulocyte-macrophage colony-stimulating factor (GM-CSF) to form a high-affinity receptor for IL-3. The interleukin-3 receptor α chain (CD123) has been identified as a potential immunotherapeutic target because it is overexpressed in AML compared with normal hematopoietic stem cells

Molecular Weight: predicted molecular mass of 80-90 kDa after removal of the signal peptide.

Gene ID: 3563

UniProt: [P26951](#)

Pathways: [JAK-STAT Signaling](#)

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

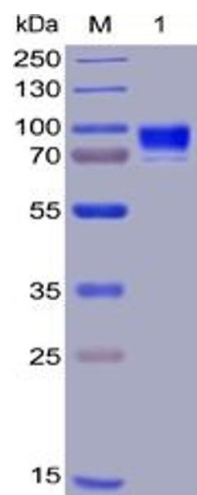
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

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 CD123, hFc-His Tag on SDS-PAGE under reducing condition.