

# Human CD123 Protein, hFc-His Tag

Catalog No: #AP89530



Package Size: #AP89530-1 10ug #AP89530-2 100ug

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## Description

Product Name	Human CD123 Protein, hFc-His Tag
Host Species	HEK293
Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Species Reactivity	Human
Immunogen Description	CD123(Thr19-Arg305)+hFc(Glu99-Ala330)+6xHis tag
Other Names	IL3R, IL3RA, IL-3Ra, IL-3R-alpha, IL3RAY, IL3RX, IL3RY, CD123 antigen, CD123, hIL3Ra, hIL-3Ra, MGC34174, IL-3 R alpha
Calculated MW	80-90 kDa
Tag Info	C-Human Fc and 6xHis tag
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 10% trehalose is added as protectants before lyophilization.
Storage	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

## Images

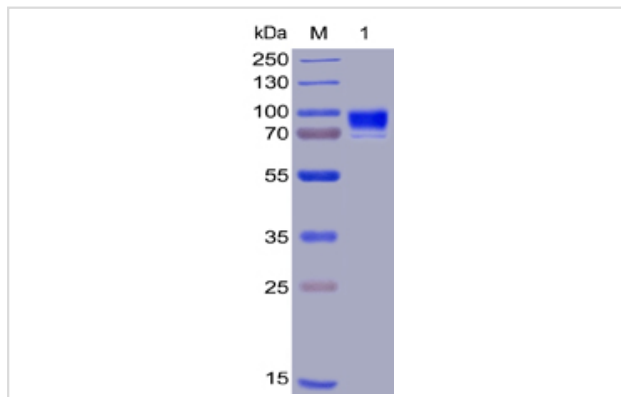


Figure 1. Human CD123, hFc-His Tag on SDS-PAGE under reducing condition.

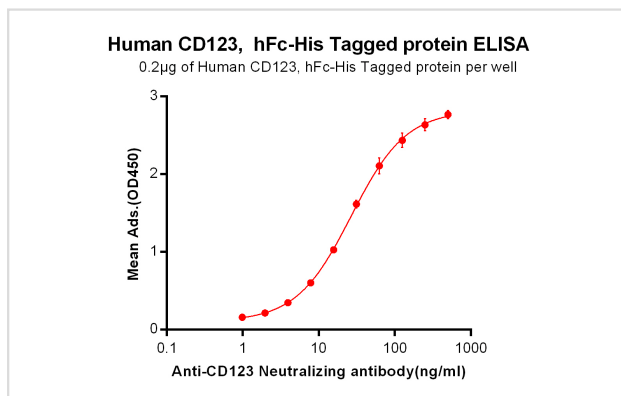


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD123, hFc-His tagged protein can bind Anti-CD123 Neutralizing antibody in a linear range of 0.98-26.70 ng/ml.

CD123(Thr19-Arg305)

hFc(Glu99-Ala330)

6×His tag

## Product Description

Expression Region:660Research Topic: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  $\alpha\frac{1}{2}\alpha\frac{1}{2}$  chain (CD123) has been identified as a potential immunotherapeutic target because it is overexpressed in AML compared with normal hematopoietic stem cells

Note: This product is for in vitro research use only