

Recombinant Human IL3RA Protein (Thr19-Arg305), C-hFc and 6×His-tagged

Cat. No. IL3RA-556H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL3RA Protein (Thr19-Arg305) with C-hFc and 6×His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Thr19-Arg305
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
Form	Lyophilized
Molecular Mass	80-90 kDa
Purity	> 95% as determined by SDS-PAGE and Coomassie blue staining.
Storage	Store at -80 centigrade for 12 months (Avoid repeated freezing and thawing)

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Storage Buffer

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 10 % trehalose is added as protectants before lyophilization.

GENE INFORMATION

Gene Name [IL3RA interleukin 3 receptor, alpha \(low affinity\) \[Homo sapiens \(human\) \]](#)

Official Symbol [IL3RA](#)

Synonyms IL3RA; interleukin 3 receptor, alpha (low affinity); interleukin-3 receptor subunit alpha; CD123; IL-3RA; IL-3R-alpha; CD123 antigen; IL-3R subunit alpha; IL-3 receptor subunit alpha; IL-3 receptor alpha SP2 isoform; IL3R; IL3RX; IL3RY; IL3RAY; hIL-3Ra; MGC34174;

Gene ID [3563](#)

mRNA Refseq [NM_002183](#)

Protein Refseq [NP_002174](#)

MIM [308385](#)

UniProt ID [P26951](#)

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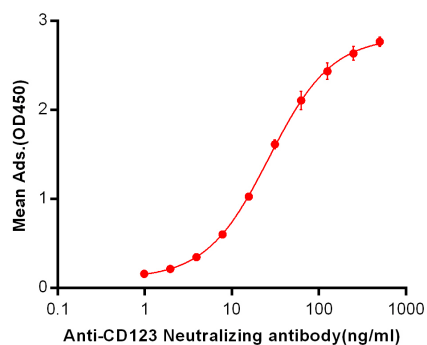
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Activity

Human CD123, hFc-His Tagged protein ELISA

0.2µg of Human CD123, hFc-His Tagged protein per well



SDS-PAGE



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