

# Recombinant Human IL3RA Protein (Met1-Arg305), C-His tagged

Cat. No. IL3RA-4278H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human IL3RA (Met1-Arg305) fused with the C-terminal His tag was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Met1-Arg305
<b>Description</b>	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 $\alpha$ chain (CD123) has been identified as a potential immunotherapeutic target because it is overexpressed in AML compared with normal hematopoietic stem cells.
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	33.55 kDa
<b>Endotoxin</b>	< 1.0 EU/ $\mu$ g of the protein as determined by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.

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<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
<b>Storage Buffer</b>	Supplied as solution form in PBS or lyophilized from PBS.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	They are shipped out with dry ice/blue ice unless customers require otherwise.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	IL3RA interleukin 3 receptor, alpha (low affinity) [ Homo sapiens (human) ]
<b>Official Symbol</b>	IL3RA
<b>Synonyms</b>	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;
<b>Gene ID</b>	3563
<b>mRNA Refseq</b>	NM_002183
<b>Protein Refseq</b>	NP_002174
<b>MIM</b>	308385

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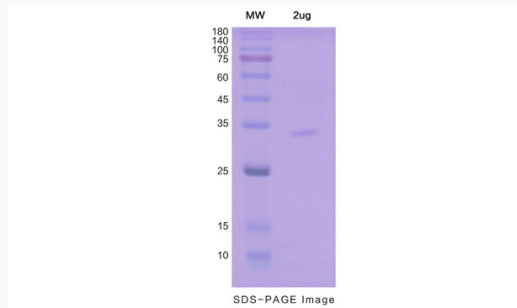
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UniProt ID


P26951

SDS-PAGE



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