

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

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

SPECIFICATION

Product Overview	Recombinant human IL3RA (Met1-Arg305) fused with the C-terminal His tag was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	Met1-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 powder/frozen liquid
Molecular Mass	33.55 kDa
Endotoxin	< 1.0 EU/ μ g of the protein as determined by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Notes	For research use only.
Storage	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.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
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

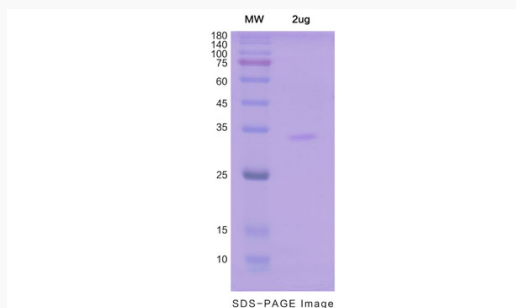
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UniProt ID P26951

SDS-PAGE



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