

## Recombinant Human IL3RA protein, hFc-tagged

Cat. No. IL3RA-121H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL3RA protein(P26951-1)(Thr19-Arg305), fused with C-terminal hFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Thr19-Arg305
<b>Tag</b>	C-hFc
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human IL-3, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human IL-3 R alpha, hFc Tag with the EC50 of 0.46µg/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 59.7 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	IL3RA interleukin 3 receptor, alpha (low affinity) [ Homo sapiens ]
<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
<b>UniProt ID</b>	P26951

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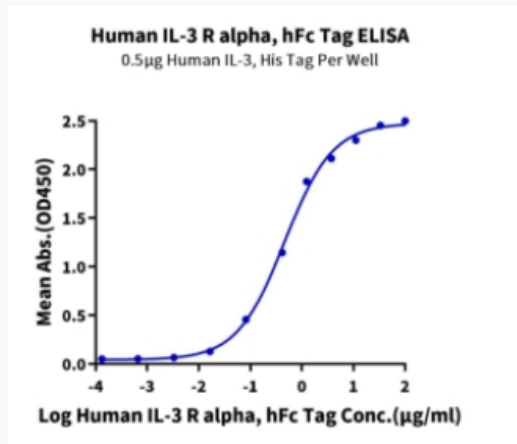
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**Tris-Bis PAGE**



**ELISA Data**



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