

Recombinant Human IL3RA protein, His-tagged

Cat. No. IL3RA-3178H **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Human IL3RA Protein(P26951-1)(Thr19-Arg305) is expressed from HEK293 with His tag at the C-Terminus. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 1-305 a.a. |
| Form | Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| Bio-activity | Immobilized Human IL-3 R alpha, His Tag at 0.5μg/ml (100μl/Well) on the plate. Dose response curve for Anti-IL-3 R alpha Antibody, hFc Tag with the EC50 of 13.3ng/ml determined by ELISA. |
| Molecular Mass | The protein has a predicted MW of 33.9 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result. |
| Endotoxin | Less than 1EU per μg by the LAL method. |
| Purity | > 95% as determined by Tris-Bis PAGE |
| Storage | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. |

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2-8°C for 2-7 days after reconstitution.

Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution

Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

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

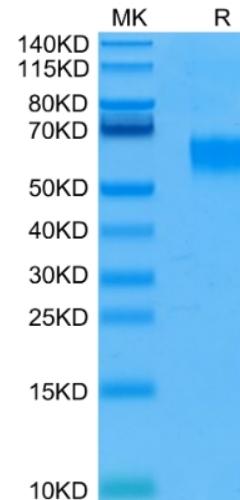
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2/3

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Tris-Bis PAGE

ELISA Data
