

Active Recombinant Human IL3RA protein, His-tagged

Cat. No. IL3RA-2652H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL-3RA/CD123 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Lys20-Arg305) of human IL3RA/CD123 (Accession #NP_002174.1) fused with a 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Lys20-Arg305
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant Human IL3 at 4 µg/mL (100 µL/well) can bind recombinant Human IL3RA, the EC50 of Human IL3RA is 5.3 µg/mL.
Molecular Mass	145-150kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 90% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

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

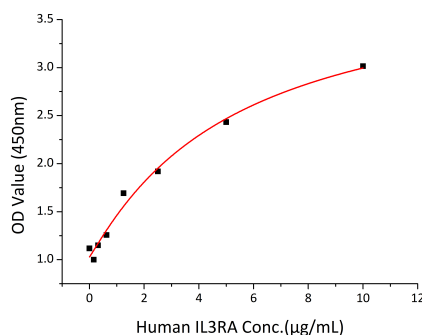
mRNA Refseq NM_002183

Protein Refseq NP_002174

MIM 308385

UniProt ID P26951

Bio-activity

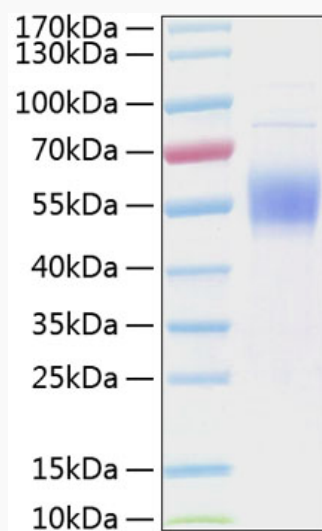


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SDS-PAGE



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