

Recombinant Human IL3RA protein, Fc-His-tagged

Cat. No. IL3RA-3248H **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Human IL3RA protein(NP_002174.1)(Met 1-Arg 305) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

Species Human

Source HEK293

ProteinLength 1-305 aa

Form Lyophilized from sterile PBS, pH 7.4.

Molecular Mass The recombinant human IL3RA/Fc is a disulfide-linked homodimer. The reduced monomer comprises 535 amino acids and has a predicted molecular mass of 61 kDa. As a result of glycosylation, the apparent molecular mass of rh IL3RA/Fc monomer is approximately 80-90 kDa in SDS-PAGE under reducing conditions.

Endotoxin < 1.0 EU per µg protein as determined by the LAL method.

Purity > 75 % as determined by SDS-PAGE

Storage Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

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