

Active Recombinant Human IL3RA protein, IFC-tagged

Cat. No. IL3RA-327H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL3RA protein(Thr 19 - Arg 305), fused with IFC tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-305 a.a.
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized ActiveMax Human IL-3, His Tag at 5 µg/mL (100 µL/well) can bind Human IL-3 R alpha Protein, Llama IgG2b Fc Tag with a linear range of 0.039-2.5 µg/mL.
Molecular Mass	This protein carries a llama IgG2b Fc tag at the C-terminusThe protein has a calculated MW of 60.9 kDa. The protein migrates as 45 kDa, 55 kDa and 80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Thr19-Arg305
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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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