

Active Recombinant Human IL3RA protein, Fc-tagged, FITC-Labeled

Cat. No. IL3RA-0210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Recombinant Human IL3RA protein(Thr19-Arg305), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-305 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Anti-IL-3 R alpha Antibody, Human IgG1 at 1 µg/mL (100 µL/well) can bind FITC-Labeled Human IL-3 R alpha, Fc Tag with a linear range of 0.078-0.625 µg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 59.5 kDa. The protein migrates as 90-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Thr19-Arg305
Endotoxin	Less than 1.0 EU per µg by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>90% as determined by SDS-PAGE.
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.
Conjugation	FITC

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

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UniProt ID

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