

Recombinant Human IL2RA Protein, DYKDDDDK-tagged

Cat. No. IL2RA-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human interleukin 2 receptor, alpha(IL2RA) protein, transcript variant 1 (NM_000417), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. Mutations in this gene are associated with interleukin 2 receptor alpha deficiency.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.217, without any preservatives.
Molecular Mass	24.8 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining

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Applications

Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

GENE INFORMATION

Gene Name [IL2RA interleukin 2 receptor, alpha \[Homo sapiens \]](#)

Official Symbol [IL2RA](#)

Synonyms IL2RA; interleukin 2 receptor, alpha; IL2R; interleukin-2 receptor subunit alpha; CD25; p55; IL2-RA; IL-2-RA; TAC antigen; IL-2R subunit alpha; IL-2 receptor subunit alpha; TCGFR; IDDM10;

Gene ID [3559](#)

mRNA Refseq [NM_000417](#)

Protein Refseq [NP_000408](#)

MIM [147730](#)

UniProt ID [P01589](#)

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