

## Recombinant Human IL2RA Protein, DYKDDDDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human interleukin 2 receptor, alpha(IL2RA) protein, transcript variant 1 (NM_000417), with a DYKDDDDK tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	<p>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.</p>
<b>Form</b>	Purified protein formulated in a sterile solution of TBS buffer, pH7.217, without any preservatives.
<b>Molecular Mass</b>	24.8 kDa
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
<b>Purity</b>	>90% by SDS-PAGE gel and Coomassie Blue staining

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**Applications** Antigen, 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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