

## Recombinant Human IL2RA Protein

Cat. No. IL2RA-5198H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human IL2RA (P01589, Glu 22 - Cys 213) partial recombinant protein expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	22-213 a.a.
<b>Description</b>	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. [provided by RefSeq]
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	44 kDa
<b>Endotoxin</b>	< 0.1 ng/μg (1 EU/μg)
<b>Purity</b>	> 90% by SDS-PAGE and HPLC

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<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Store at 4 centigrade. For long term storage store at -20 centigrade or -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	Lyophilized from PBS, pH 7.2

## GENE INFORMATION

<b>Gene Name</b>	IL2RA interleukin 2 receptor, alpha [ Homo sapiens ]
<b>Official Symbol</b>	IL2RA
<b>Synonyms</b>	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;
<b>Gene ID</b>	3559
<b>mRNA Refseq</b>	NM_000417
<b>Protein Refseq</b>	NP_000408
<b>MIM</b>	147730
<b>UniProt ID</b>	P01589

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