

# Recombinant Full Length Human IL2RA Protein

**Cat. No.** IL2RA-5756HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human IL2RA full-length ORF (AAI56628.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	476 amino acids
<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>	Liquid
<b>Molecular Mass</b>	29.92 kDa
<b>AA Sequence</b>	MDSYLLMWGLLTFIMVPGCQAE LCDDDPPEIPHATFKAMAYKEG TMLNCECKRGFR RIKSGSLYMLCTGNSSHSSWDNQCQCTSSATRNTTKQVTPQPPEEQKERKTTEMQS PMQPVDQASLPGHCREPPPWENEATERIYHFVVGQMVYYQCVQGYRALHRGPAE SVCKMTHGKTRWTQPQLICTGEMETSQFPGEEKPQASPEGRPESETSCLVTTTDF QIQTEMAATMETSIFTTEYQVAVAGCVFLLISVLLLSGLTWQRRQRKSRRTI

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<b>Applications</b>	Antibody Production Functional Study Compound Screening
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

## GENE INFORMATION

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

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