

Recombinant Human Interleukin 2 Receptor, Alpha, GST-tagged

Cat. No. IL2RA-1325H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL-2R full length protein expressed in <i>E.coli</i> shows a 53 kDa band on SDS-PAGE (Including GST tag). The IL-2R is purified by proprietary chromatographic techniques.
Species	Human
Source	E.coli
Description	IL-2R (T-cell growth factor receptor) consists of a chain of 55 kDa (also known as Tac antigen or p55 or alpha chain) and a p75 or Beta chain. IL-2Ralpha is over-expressed on the surface of activated T-cells, HTLV-1 or -2 positive T-cell lines, and moderately expressed on activated B-cells, NK-cells, and macrophages.
Physical Appearance	Sterile Filtered clear solution.
Formulation	sIL-2R at 100g/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Applications	ELISA, Inhibition Assays, Western Blotting.
Stability	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.
Full Length	Full L.

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GENE INFORMATION

Gene Name	IL2RA interleukin 2 receptor, alpha [Homo sapiens]
Synonyms	L2RA; interleukin 2 receptor, alpha; CD25; IL2R; TCGFR; IDDM10; interleukin 2 receptor, alpha chain; Interleukin-2 receptor; IL-2-RA; IL2-RA; OTTHUMP00000019030; OTTHUMP00000044870; p55; CD25 antigen; IL-2 receptor alpha subunit; TAC antigen
Gene ID	3559
mRNA Refseq	NM_000417
Protein Refseq	NP_000408
MIM	147730
UniProt ID	P01589
Chromosome Location	10p15-p14
Pathway	Cytokine-cytokine receptor interaction; Endocytosis; Hematopoietic cell lineage; Jak-STAT signaling pathway
Function	interleukin-2 receptor activity; receptor activity

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