

Active Recombinant Human IL2RA, His tagged

Cat. No. IL2RA-637H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL2RA extracellular domain (NP_000408.1) (Met 1-Cys 213), fused with a C-terminal polyhistidine tag, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	Met1-Cys213
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	Measured by its ability to inhibit IL2-induced proliferation of M07e cells. The ED50 for this effect is 0.2-1.2 µg/mL in the presence of 30 ng/mL of recombinant human IL2.
Molecular Mass	The recombinant human IL2Ra consists of 203 amino acids and has a predicted molecular mass of 23.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhIL2Ra is approximately 44 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE. > 90 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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