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32-17117: Recombinant human IL2RA Protein with C-6Ã—His tag

Alternative Name : IL2RA,CD25,p55,IL2-RA,IL-2-RA

Description

Expression Host : HEK293
The protein has a predicted molecular mass of 22.6 kDa after removal of the signal peptide.The apparent molecular mass of IL2RA-His is approximately 35-55 kDa due to glycosylation.
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.

Product Info

Amount :	50 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

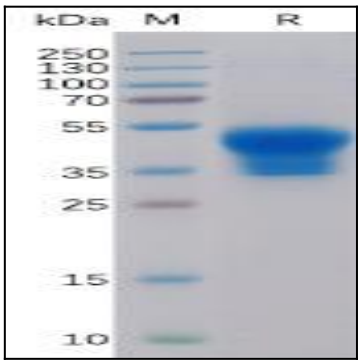

Figure 1. Human IL2RA Protein, His Tag on SDS-PAGE under reducing condition.