

**Recombinant Mouse Interleukin-2 receptor subunit alpha Protein**

**Cat.NO.: TP04816**

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3th Edition

**Synonyms:**CD25; IL-2 R alpha; IL2RA; CD25 antigen; IDDM10; IL-2 receptor subunit alpha; IL2R; IL-2R subunit alpha; IL-2-RA; IL2-RA; interleukin 2 receptor; alpha; interleukin-2 receptor subunit alpha; p55; TAC antigen; TCGFR

**Description:**The interleukin 2 receptor alpha (IL2RA), also called CD25, is a type I transmembrane protein that presents on activated T cells, activated B cells, some thymocytes, myeloid precursors, and oligodendrocytes. IL2RA is a member of cytokine receptors family that utilizes the common gamma chain subunit ( $\gamma_c$ ). IL2RA is expressed in most B-cell neoplasms, some acute nonlymphocytic leukemias, neuroblastomas, and tumor infiltrating lymphocytes. IL2RA associates with IL2RB (CD122) to form a heterodimer that can act as a high-affinity receptor for IL-2.

**Form:**PBS

**Molecular Weight:**55.5 kDa

**Sequences:**Met 1-Lys 236

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.