

Recombinant Human Interleukin 2 Soluble Receptor alpha (rh sIL-2R / CD25)

Synonyms: TCGFR, TAC antigen, p55

Introduction: IL2-Ra is one of the three constituent subunits of the IL2 receptor. IL-2Ra is released into the serum after increased cellular expression such as increased activation of B and T cells. Clinical manifestations of IL2-Ra elevation include autoimmune conditions and some leukemias and lymphomas.

Description: Interleukin-2R Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 192 amino acids (22-213) corresponding to the mature IL2-R protein with an amino terminal hexahistidine tag.

The IL-2R is purified by proprietary chromatographic techniques.

Source: *Escherichia Coli*.

Physical Appearance: Sterile colorless liquid formulation.

Formulation: supplied in 1x PBS and 50% glycerol pH 7.4.

Stability: Store at 4°C if entire vial will be used within 2-4 weeks.
Store frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Purity: Greater than 95.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

This material is offered for **research use only**. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

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| <i>small</i> | 5 µg | Cat.N° | 11349020 |
| <i>medium</i> | 25 µg | Cat.N° | 11349024 |

ImmunoTools Excellent Quality - Advantageously priced

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