



## Interleukin-2 Receptor alpha, soluble, His Tag, human recombinant (sHuIL-2R-His)

**Catalog No:** 94916  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** CD25, IL2R, TCGFR, IL-2RA, sIL-2RA, TAC antigen, sIL-2R, IDDM10, p55

### Background

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

### Physical Appearance

Sterile colorless liquid formulation 136 µg/ml.

### Formulation

IL-2R His-Tag protein is 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.

### Usage

**This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.**