



Product Datasheet

Product Name	Interleukin-2 alpha Soluble Receptor Human Recombinant
Cata No	CB500187
Source	<i>Escherichia Coli.</i>
Synonyms	CD25, IL2R, TCGFR, IL-2RA, sIL-2RA, TAC antigen, sIL-2R, IDDM10, p55.

Description

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.

Interleukin-2R Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 192 amino acids (223-798) corresponding to the mature IL2-R protein with an amino terminal hexahistidine tag.

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

Physical Appearance

Sterile colorless liquid formulation 0.1mg/ml.

Purity

Greater than 95.0% as determined by:

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

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.