



Interleukin 13 Receptor, Alpha 2, human recombinant (rhIL13R)

Catalog No: 99920
Lot No: XXXXX
Source: *E. coli*
Synonyms: CD213A2, CT19, IL-13R, IL13BP, IL-13 receptor subunit alpha-2, IL-13R subunit alpha-2, CD_antigen=CD213a2, Interleukin-13-binding protein

Background

Interleukin-13 receptor subunit alpha-2 (IL13RA2) is a member of the type I cytokine receptor family, type 5 subfamily. IL13RA2 is related to IL13RA1, a subunit of the interleukin 13 receptor complex. IL13RA2 binds IL13 with high affinity, though lacking the cytoplasmic domain, and does not appear to function as a signal mediator. IL13RA2 plays a role in the internalization of IL13.

Description

IL13RA2 Human Recombinant, produced in *E. coli*, is a single, non-glycosylated polypeptide chain containing 340 amino acids (27-343 aa). It has a molecular mass of 39.5 kDa. IL13RA2 is fused to a 23 amino acid His-tag at N-terminus and purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered, clear solution.

Formulation

IL13RA2 protein solution (1 mg/ml) contains 20 mM Tris-HCl buffer, (pH 8.0), 0.4 M urea and 10% glycerol.

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. For long term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85% as determined 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.

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