
Product Data Sheet

Product Name: IL13RA2 Human
 Cat. No.: GP20566
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CD213A2; CT19; IL-13R; IL13BP; IL-13 receptor subunit alpha-2; IL-13R subunit alpha-2; CD_antigen=CD213a2; Interleukin-13-binding protein.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGS DTEIKVN PPQDFEIVDP GYLG YLYLQW QPPLSLDHFK ECTVEYELKY RNIGSETWKT IITKNLHYKD GFDLNKGIEA KIHTLLPWQC TNGSEVQSSW AETTYWISPO GIPETKVQDM DCVYYNWQYL LCSWKPGIGV LLDTNYNLFY WYEGLDHALQ CVDYIKADGQ NIGCRFPYLE ASDYKDFYIC VNGSSENKPI RSSYFTFQLQ NIVKPLPPVY LTFTRESSCE IKLKWSIPLG PIPARCFDYE IEIREDDTTL VTATVENETY TLKTTNETRQ LCFVVRSKVN IYCSDDGIWS EWSDKQCWEG EDLSKKTLLR.		
Formulation	IL13RA2 protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.4M UREA and 10% glycerol.		

Introduction

Interleukin 13 Receptor, 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.

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.

Background

IL13RA2 Human Recombinant produced in E.Coli is a single, non-glycosylated

Caution: Product has not been fully validated for medical applications. For research use only.

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polypeptide chain containing 340 amino acids (27-343 a.a.) and having a molecular mass of 39.5kDa. IL13RA2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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