

Recombinant human IL-13RA1 protein, C-hFc (HEK293)

Catalog Number: bs-47131P

Concentration: >0.5 mg/ml

AA Seq: 27-343/427

Predicted MW: 63.4

Detected MW: Due to glycosylation, the protein migrates to 78-90 kDa based on Tris-Bis PAGE result.

Tags: C-hFc

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

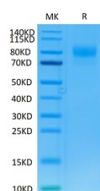
Form: Lyophilized

Storage: Lyophilized from 0.22μm filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

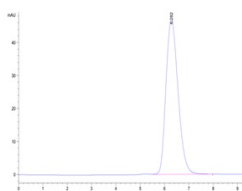
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4. [provided by RefSeq, Jul 2008]

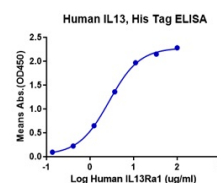
VALIDATION IMAGES



Recombinant IL-13 R alpha 1 Protein on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.



The purity of IL-13 R alpha 1 Protein is greater than 95% as determined by SEC-HPLC.



Immobilized Human IL13 at 1ug/ml (100ul/Well). Dose response curve for IL13Ra1 with the EC50 of 2.7ug/ml determined by ELISA.