

Recombinant human IL-23 R protein, C-mFc (HEK293)

Catalog Number: bs-47133P

Concentration: >0.5 mg/ml

AA Seq: 24-355/629

Predicted MW: 63.7

Detected MW: Due to glycosylation, the protein migrates to 80-115 kDa based on Tris-Bis PAGE result.

Tags: C-mFc

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

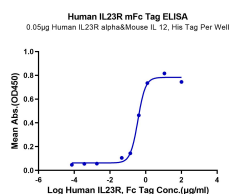
Form: Lyophilized

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

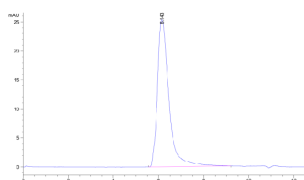
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a subunit of the receptor for IL23A/IL23. This protein pairs with the receptor molecule IL12RB1/IL12Rbeta1, and both are required for IL23A signaling. This protein associates constitutively with Janus kinase 2 (JAK2), and also binds to transcription activator STAT3 in a ligand-dependent manner.

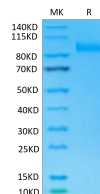
VALIDATION IMAGES



Immobilized Human IL23R alpha & Mouse IL12, His Tag at 0.5μg/ml (100μl/Well) on the plate.
Dose response curve for Human IL23R, mFc with the EC50 of 0.36μg/ml determined by ELISA.



The purity of Human IL-23 R is greater than 95% as determined by SEC-HPLC.



Human IL-23 R on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.