

Active Recombinant Cynomolgus/Rhesus IL23R protein, hFc-tagged

Cat. No. IL23R-8493C **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Cynomolgus/Rhesus IL23R protein(F6XR82)(Met1-Asp353), fused with hFc tag, was expressed in HEK293.

Species

Cynomolgus/Rhesus

Source

HEK293

ProteinLength

Met1-Asp353

Form

Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.

Bio-activity

Measured by its binding ability in a functional ELISA. 1. Immobilized human IL23A-His+IL12B-His (Cat:CT012-H08H) at 10 µg/ml (100 µl/well) can bind Cynomolgus IL23R-Fc. The EC50 of Cynomolgus IL23R-Fc is 0.14-0.35 µg/ml. 2. Immobilized mouse mIL12Bh (m)+mIL23Ah (Cat:CT028-M08H) at 10 µg/ml (100 µl/well) can bind Cynomolgus IL23R-Fc (Cat:90123-C02H). The EC50 of Cynomolgus IL23R-Fc (Cat:90123-C02H) is 0.05-0.11 µg/ml.

Molecular Mass

The recombinant cynomolgus / rhesus IL23R comprises 571 amino acids and has a calculated molecular mass of 64.9 KDa.

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Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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