

Rabbit IL12B & IL23A recombinant protein (C-His)



Catalog Number: 514901

General Information

Protein Construction

A DNA sequence encoding the rabbit IL12B (XP_002710393.1)(Met1-Asn324) was expressed with a polyhistidine tag at the C-terminus, constructed the plasmid 1; A DNA sequence encoding the rabbit IL23A (XP_002711125.1)(Met1-Pro191) constructed the plasmid 2. The two plasmids were co-expressed and the rabbit IL12B&IL23A heterodimer was purified.

Organism

Rabbit

Expression Host

Human Cells

QC Testing

Purity

> (16.4 + 40.8 +40.0) % as determined by SDS-PAGE.

Endotoxin

<1.0 EU per µg protein as determined by the LAL method.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Ile 23 & Arg 20

Molecular Mass

The recombinant heterodimer of rabbit IL12B&IL23A comprises 496(313+183) amino acids and has a calculated molecular mass of 56.6(36.1+20.5) KDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.
2. Please contact us for any concerns or special requirements.

Usage Guide

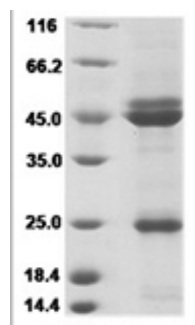
Storage

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

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE



Rabbit IL23 / IL12B & IL23A Heterodimer Protein