

Human IL23 Protein (His & AVI Tag), Biotinylated

Catalog Number: CT048-H27H-B



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

IL-23; IL-23A; IL23; IL23P19; P19; SGRF

Protein Construction:

A DNA sequence encoding the human IL23 complex composed of human IL12B (NP_002178.2) (Met1-Ser328) and human IL23A (NP_057668.1) (Arg20-Pro189) linked by a polypeptide linker was fused with a c-terminal polyhistidine tagged AVI tag at the C-terminus. The expressed protein was biotinylated in vivo by the Biotin-Protein ligase (BirA enzyme) which is co-expressed.

Source: Human

Expression Host: Human Cells

QC Testing

Biotin/Protein Ratio:

0.7-1 as determined by the HABA assay.

Purity: > 95 % as determined by SDS-PAGE.

Endotoxin:

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

Predicted N terminal: Ile 23

Molecular Mass:

The recombinant human IL23 complex (IL23A&IL12B) consists of 517 amino acids and predicts a molecular mass of 57.6 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

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

Usage Guide

Stability & Storage:

Samples are stable for twelve months from date of receipt at -20°C to -80°C.

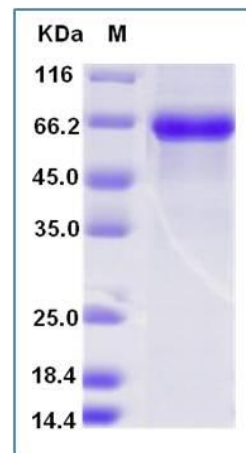
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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