Human IL-12 Protein (IL12A & IL12B Heterodimer) Protein (His Tag)

Catalog Number: CT050-H08H

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Biological Solution Specialist

General Information

Gene Name Synonym:

CLMF; CLMF2; IL-12A; IL-12B; IL12; IMD28; IMD29; NFSK; NKSF; NKSF1; NKSF2; P35; Il-12a; Il-12b; IL-12p35; Il-12p40; Il12p40; LI12a; p35; p40

Protein Construction:

A DNA sequence encoding the human IL12 complex composed of IL12B (NP_002178.2) (Met1-Ser328) and the mature form of human IL12A (NP_000873.2)(Arg 23 - Ser 219) linked by a polypeptide linker was fused with a polyhistidine tag at the C-terminus.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: > 95 % 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 ℃

Predicted N terminal: Ile 23

Molecular Mass:

The recombinant human consists 529 amino acids and predicts a molecular mass of 59.6 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

Storage:

Store it under sterile conditions at -20℃ to -80℃ 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:

