

Human IL-12 (IL12A & IL12B Heterodimer) Protein

Catalog Number: CT050-HNAH



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

CLMF; CLMF2; IL-12A; IL-12B; IL12; IL12 p70; IMD28; IMD29; NFSK; NKSF; NKSF1; NKSF2; P35

Protein Construction:

A DNA sequence encoding the human IL12A (NP_000873.2)(Met 1-Ser219) was expressed, constructed the plasmid 1; A DNA sequence encoding the human IL12B (NP_002178.2)(Met 1-Ser328) was expressed, constructed the plasmid 2. The two plasmids were co-expressed and the human IL12A&IL12B heterodimer was purified.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity: > (33.5+63.7) % 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: Arg23&Ile23

Molecular Mass:

The recombinant heterodimer of human IL12A&IL12B comprises 503 (197+306) amino acids and has a calculated molecular mass of 57.2(22.5+34.7) 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:

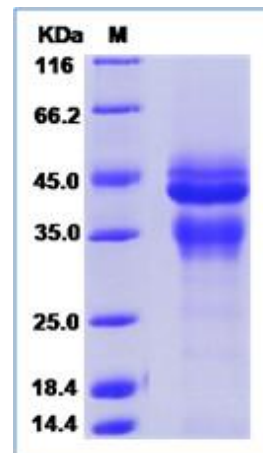
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

For US Customer: Fax: 267-657-0217 ● Tel: 215-583-7898

Global Customer: Fax :+86-10-5862-8288 ● Tel:+86-400-890-9989 ● <http://www.sinobiological.com>